

Converting Colors

$Yxy(87.5738, 0.3248, 0.3322)$

Have a look what the booklet for
Yxy(87.5738, 0.3248, 0.3322)
contains.

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Color

Yxy(87.2043, 0.3247, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	FCEDEA
RGB	252, 237, 234
RGB Percent	99%, 93%, 92%
CMY	0.0117, 0.0706, 0.0824
CMYK	0.00, 0.06, 0.07, 0.01
HSL	10°, 75%, 95%
HSV	10°, 7%, 99%
XYZ	85.2869, 87.2043, 90.1724
YIQ	241.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

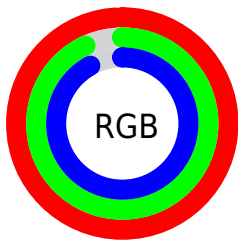
Format	Color
R _Y B	252, 238, 234
Decimal	16575978
CIE Lab	94.82, 4.57, 3.26
CIE LCh	95, 5.614, 35.505
Yxy	87.2043, 0.3247, 0.3320
Android (android.graphics.Color)	4294766058 (0xFFFCDEEA)
YUV	241.1430, -3.5215, 9.5216
Hunter-Lab	93.3832, -0.3967, 8.1169

Details

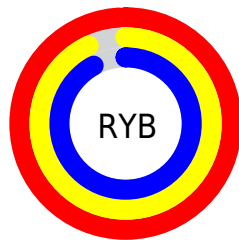
The Yxy color **87.2043, 0.3247, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.2878, 0.3016, 0.3260**, and the grayscale version is **88.1086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.8642, 0.3273, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **74.4024, 0.3446, 0.3365**, and if you desaturate by 10%, it is **99.4409, 0.3109, 0.3290**.

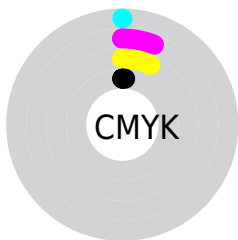
Distribution



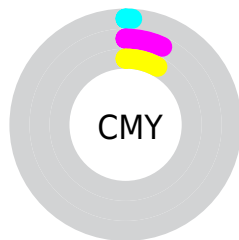
- Red (99%)
- Green (93%)
- Blue (92%)



- Red (99%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.2043, 0.3247, 0.3320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 87.2043, 0.3247, 0.3320 by changing the saturation by 10% instead.

 87.2043, 0.3247,
0.3320

 87.2043, 0.3247,
0.3320


518.8940, 0.3193,
0.3307

 65.6643, 0.3259,
0.3323


143.4489, 0.3229,
0.3316

 47.9999, 0.3274,
0.3326


178.9222, 0.3221,
0.3314

 33.8268, 0.3292,
0.3331


219.8088, 0.3215,
0.3312

 22.7606, 0.3315,
0.3336

266.4930, 0.3210,
0.3311

 14.4168, 0.3346,
0.3343

319.3592, 0.3205,
0.3310

 8.4111, 0.3390,
0.3352

378.7918, 0.3200,

 4.3591, 0.3455,

0.3309

0.3366

445.1753, 0.3197,
0.3308

■ 1.8764, 0.3563,
0.3387

■ 0.5341, 0.4109,
0.3544

■ 87.2043, 0.3247,
0.3320

■ 87.2043, 0.3247,
0.3320

■ 74.4024, 0.3446,
0.3365

99.4409, 0.3109,
0.3290

■ 63.1698, 0.3687,
0.3412

■ 53.4492, 0.3979,
0.3459

■ 45.1756, 0.4325,
0.3502

■ 38.2794, 0.4721,
0.3536

■ 32.6849, 0.5150,
0.3552

■ 28.3091, 0.5575,
0.3542

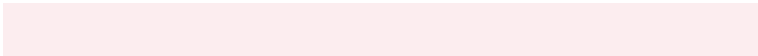
■ 25.0591, 0.5943,
0.3500

■ 22.8273, 0.6202,
0.3432

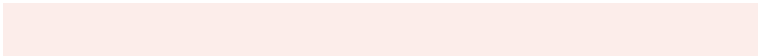
Harmonies

Analogous

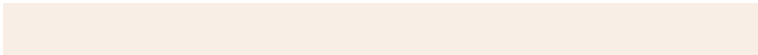
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2043, 0.3212, 0.3264



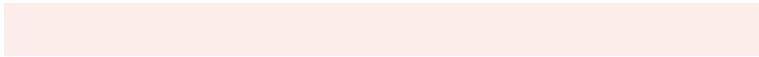
87.2043, 0.3247, 0.3320



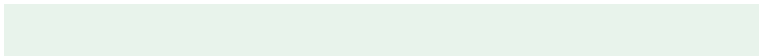
87.2043, 0.3249, 0.3369

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2043, 0.3247, 0.3320



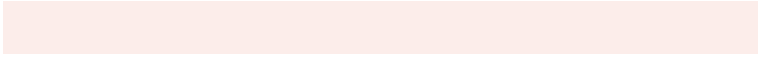
87.2043, 0.3099, 0.3367



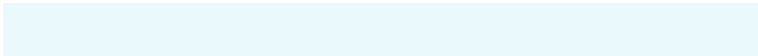
87.2043, 0.3036, 0.3184

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



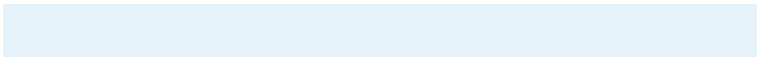
87.2043, 0.3247, 0.3320



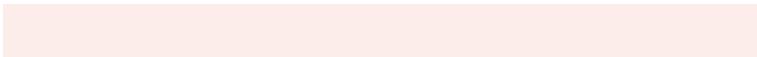
92.2878, 0.3016, 0.3260

Split Complementary

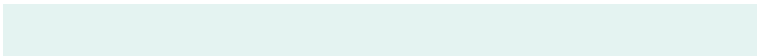
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2043, 0.3007, 0.3210



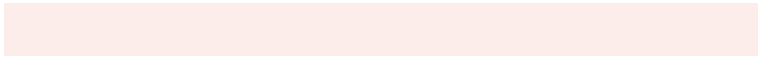
87.2043, 0.3247, 0.3320



87.2043, 0.3043, 0.3316

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2043, 0.3247, 0.3320



87.2043, 0.3163, 0.3397



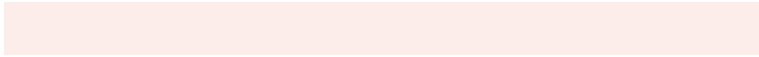
87.2043, 0.3009, 0.3258



87.2043, 0.3090, 0.3186

Rectangle

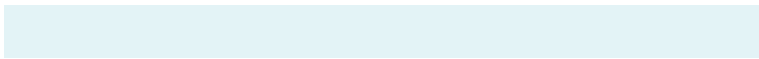
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



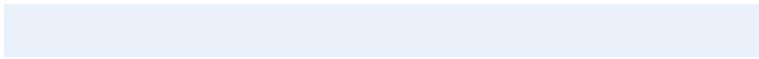
87.2043, 0.3247, 0.3320



87.2043, 0.3232, 0.3391



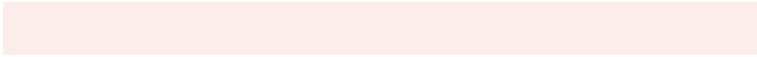
87.2043, 0.3009, 0.3258



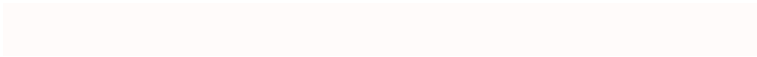
87.2043, 0.3023, 0.3190

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.2081, 0.3247, 0.3320



96.9939, 0.3159, 0.3298



86.4023, 0.3152, 0.3141



20.7922, 0.3157, 0.3298



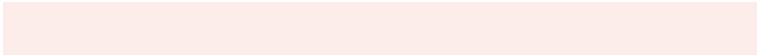
0.0000, 0.0000, 0.0000



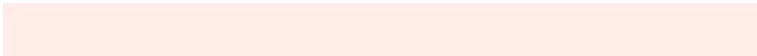
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2081, 0.3247, 0.3320



87.0071, 0.3281, 0.3328



92.3802, 0.3239, 0.3405



17.6923, 0.3290, 0.3330



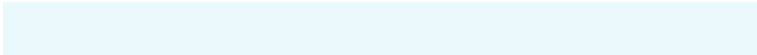
11.7834, 0.6235, 0.3431



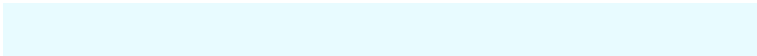
1.2198, 0.6031, 0.3593

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



92.2878, 0.3016, 0.3260



93.4889, 0.2988, 0.3252



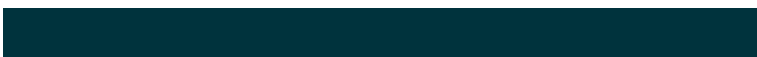
87.0217, 0.3017, 0.3172



19.0873, 0.2980, 0.3249



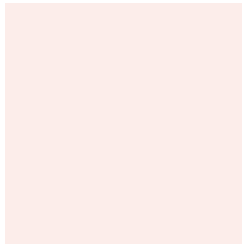
27.8642, 0.2097, 0.2749



2.7071, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 87.2043, 0.3247, 0.3320 looks on a white background.

Color Contrast Check

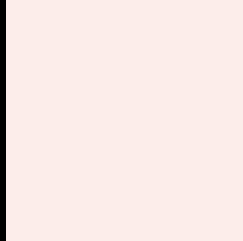
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 87.2043, 0.3247, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

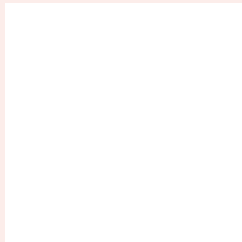
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2043, 0.3247, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 87.2043, 0.3247, 0.3320.

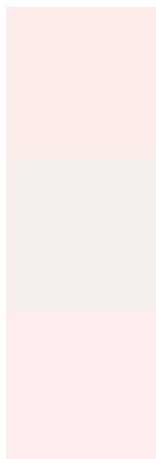


This preview shows how white text looks on a background with the Yxy color 87.2043, 0.3247, 0.3320.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.2043, 0.3247, 0.3320

Protanopia

87.1436, 0.3192, 0.3330

Deuteranopia

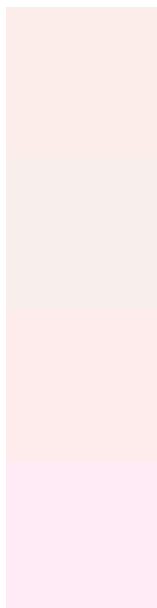
87.3653, 0.3249, 0.3281



Tritanopia

87.1975, 0.3149, 0.3107

Trichromacy



Original Color

87.2043, 0.3247, 0.3320

Protanomaly

87.1037, 0.3213, 0.3320

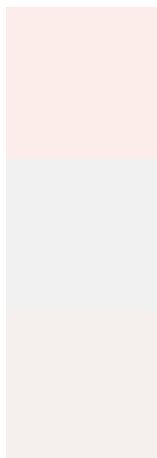
Deuteranomaly

87.1179, 0.3248, 0.3290

Tritanomaly

87.1413, 0.3186, 0.3183

Monochromacy



Original Color

87.2043, 0.3247, 0.3320

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9057, 0.3172, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2043, 0.3247, 0.3320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 237, 234)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 234) }
```

Border

The CSS property to change the border of an element to Yxy 87.2043, 0.3247, 0.3320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 237, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 237, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2043, 0.3247, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
237, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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