

Converting Colors

$Yxy(87.1523, 0.3311, 0.3432)$

Have a look what the booklet for
Yxy(87.1523, 0.3311, 0.3432)
contains.

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Color

Yxy(87.2263, 0.3310, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	FCEEE0
RGB	252, 238, 224
RGB Percent	99%, 93%, 88%
CMY	0.0117, 0.0666, 0.1217
CMYK	0.00, 0.06, 0.11, 0.01
HSL	30°, 82%, 93%
HSV	30°, 11%, 99%
XYZ	84.1747, 87.2263, 82.9031
YIQ	240.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

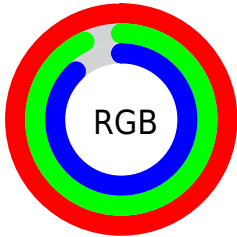
Format	Color
R _Y B	252, 252, 224
Decimal	16576224
CIE Lab	94.83, 2.42, 8.47
CIE LCh	95, 8.806, 74.019
Yxy	87.2263, 0.3310, 0.3430
Android (android.graphics.Color)	4294766304 (0xFFFC ^{EE} E0)
YUV	240.5900, -8.1789, 10.0066
Hunter-Lab	93.3950, -2.5636, 12.7471

Details

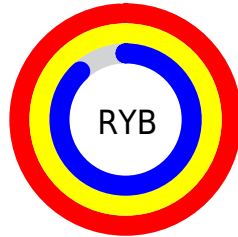
The Yxy color **87.2263, 0.3310, 0.3430** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.0138, 0.2954, 0.3146**, and the grayscale version is **87.6844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9226, 0.3346, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **78.8844, 0.3499, 0.3563**, and if you desaturate by 10%, it is **96.2914, 0.3144, 0.3304**.

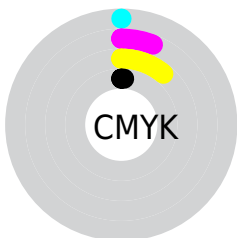
Distribution



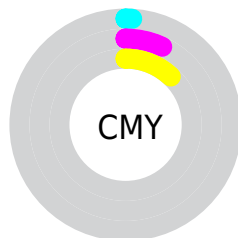
- Red (99%)
- Green (93%)
- Blue (88%)



- Red (99%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2263, 0.3310, 0.3430 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 87.2263, 0.3310, 0.3430 by changing the saturation by 10% instead.


 87.2263, 0.3310,
0.3430

 87.2263, 0.3310,
0.3430


518.9662, 0.3228,
0.3368

 65.6825, 0.3328,
0.3444


143.4795, 0.3282,
0.3409

 48.0147, 0.3350,
0.3460


178.9577, 0.3271,
0.3400

 33.8385, 0.3378,
0.3481

219.8495, 0.3261,
0.3393

 22.7696, 0.3414,
0.3508

266.5393, 0.3253,
0.3387

 14.4235, 0.3461,
0.3542

319.4115, 0.3246,
0.3381

 8.4158, 0.3527,
0.3590

378.8504, 0.3239,

 4.3621, 0.3625,

0.3376

0.3661

445.2405, 0.3233,
0.3372

■ 1.8781, 0.3786,
0.3773

■ 0.5352, 0.5148,
0.4852

■ 87.2263, 0.3310,
0.3430

■ 87.2263, 0.3310,
0.3430

■ 78.8844, 0.3499,
0.3563

■ 96.2914, 0.3144,
0.3304

■ 71.2350, 0.3713,
0.3700

■ 99.4380, 0.3109,
0.3290

■ 64.2615, 0.3952,
0.3835

■ 57.9426, 0.4213,
0.3960

■ 52.2554, 0.4488,
0.4065

■ 47.1751, 0.4766,
0.4137

■ 42.6747, 0.5030,
0.4163

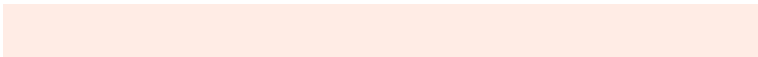
■ 38.7237, 0.5262,
0.4135

■ 35.6422, 0.5434,
0.4067

Harmonies

Analogous

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



87.2263, 0.3322, 0.3360



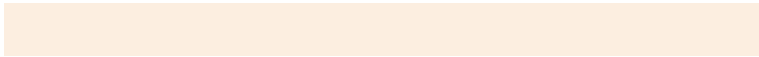
87.2263, 0.3310, 0.3430



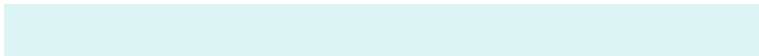
87.2263, 0.3248, 0.3464

Triad

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



87.2263, 0.3310, 0.3430



87.2263, 0.2975, 0.3305



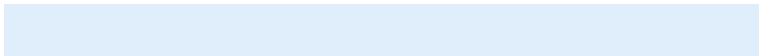
87.2263, 0.3097, 0.3137

Complementary

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



87.2263, 0.3310, 0.3430



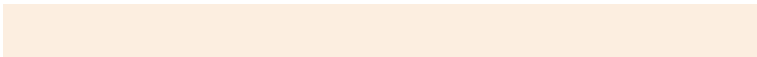
84.0138, 0.2954, 0.3146

Split Complementary

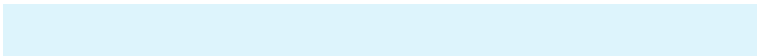
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2263, 0.3006, 0.3120



87.2263, 0.3310, 0.3430



87.2263, 0.2936, 0.3215

Square

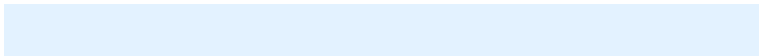
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2263, 0.3310, 0.3430



87.2263, 0.3055, 0.3391



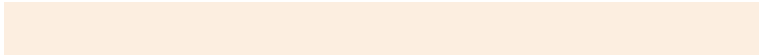
87.2263, 0.2947, 0.3148



87.2263, 0.3198, 0.3192

Rectangle

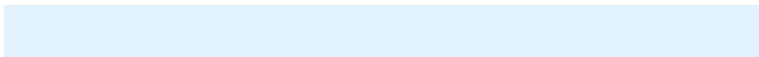
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2263, 0.3310, 0.3430



87.2263, 0.3188, 0.3460



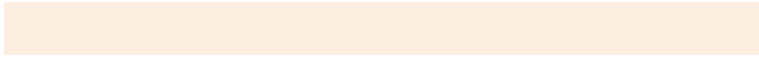
87.2263, 0.2947, 0.3148



87.2263, 0.3064, 0.3126

Sweetspot

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



87.2301, 0.3310, 0.3430



97.1023, 0.3174, 0.3327



80.1696, 0.3232, 0.3151



20.6206, 0.3187, 0.3337



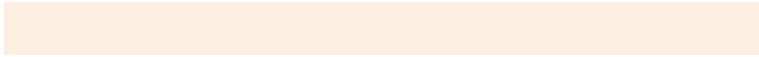
0.0000, 0.0000, 0.0000



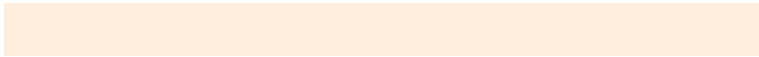
21.4041, 0.3127, 0.3290

Same Dimension

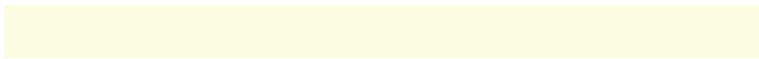
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2301, 0.3310, 0.3430



87.9290, 0.3344, 0.3455



95.7080, 0.3294, 0.3565



18.6601, 0.3281, 0.3409



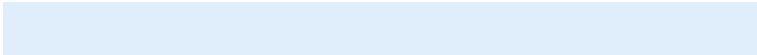
18.8591, 0.5408, 0.4088



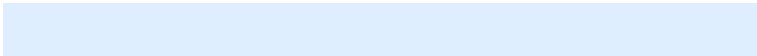
1.9587, 0.5224, 0.4234

Inverse Universe

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



84.0138, 0.2954, 0.3146



84.1165, 0.2923, 0.3120



76.1716, 0.2951, 0.2999



18.0761, 0.2980, 0.3168



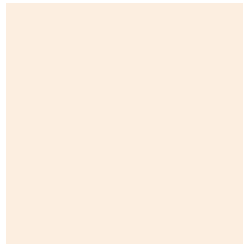
11.7181, 0.1771, 0.1574



1.2973, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 87.2263, 0.3310, 0.3430 looks on a white background.

Color Contrast Check

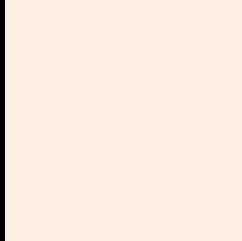
Large Text (above 18pt) WCAG AA × Fail

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 87.2263, 0.3310, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

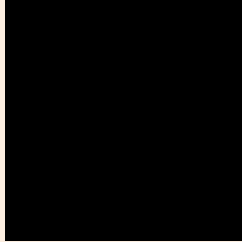
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

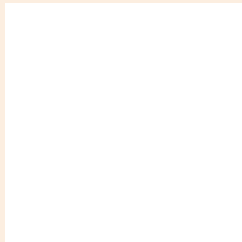
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2263, 0.3310, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 87.2263, 0.3310, 0.3430.

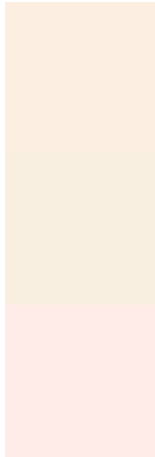


This preview shows how white text looks on a background with the Yxy color 87.2263, 0.3310, 0.3430.

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

87.2263, 0.3310, 0.3430

Protanopia

87.1257, 0.3275, 0.3431

Deuteranopia

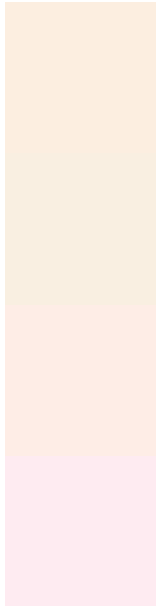
87.1341, 0.3275, 0.3320



Tritanopia

87.0707, 0.3162, 0.3126

Trichromacy



Original Color

87.2263, 0.3310, 0.3430

Protanomaly

87.3090, 0.3282, 0.3430

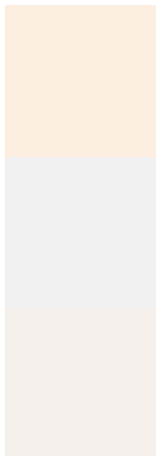
Deuteranomaly

87.3524, 0.3286, 0.3360

Tritanomaly

86.8384, 0.3217, 0.3232

Monochromacy



Original Color

87.2263, 0.3310, 0.3430

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7308, 0.3191, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2263, 0.3310, 0.3430 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, 238, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 224)  
}
```

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, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 224) }
```

Border

The CSS property to change the border of an element to Yxy 87.2263, 0.3310, 0.3430 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, 238, 224) }
```

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

```
.border{ border-color:rgb(252, 238, 224) }
```

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

Here you see how a box with a 4 pixel rgb(252, 238, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 238, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 238, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 238,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2263, 0.3310, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 238, 224) }
```

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

```
.background{ background-color: rgb(252,  
238, 224) }
```

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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