

Converting Colors

$Yxy(87.5553, 0.3306, 0.3410)$

Have a look what the booklet for
Yxy(87.5553, 0.3306, 0.3410)
contains.

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Color

Yxy(87.5227, 0.3304, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	FDEEE2
RGB	253, 238, 226
RGB Percent	99%, 93%, 89%
CMY	0.0076, 0.0667, 0.1136
CMYK	0.00, 0.06, 0.11, 0.01
HSL	27°, 87%, 94%
HSV	27°, 11%, 99%
XYZ	84.8269, 87.5227, 84.3905
YIQ	241.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

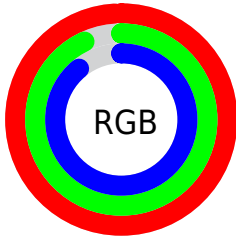
Format	Color
R _Y B	253, 248, 226
Decimal	16641762
CIE Lab	94.96, 3.12, 7.60
CIE LCh	95, 8.212, 67.663
Yxy	87.5227, 0.3304, 0.3409
Android (android.graphics.Color)	4294831842 (0xFFFDEEE2)
YUV	241.1170, -7.4527, 10.4214
Hunter-Lab	93.5536, -1.8692, 12.0047

Details

The Yxy color **87.5227, 0.3304, 0.3409** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2331, 0.2961, 0.3168**, and the grayscale version is **88.1206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1319, 0.3338, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **78.3438, 0.3496, 0.3527**, and if you desaturate by 10%, it is **97.5580, 0.3138, 0.3297**.

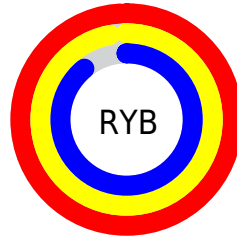
Distribution



Red (99%)

Green (93%)

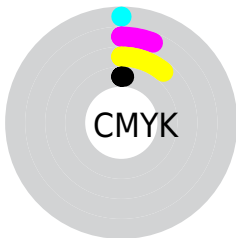
Blue (89%)



Red (99%)

Yellow (97%)

Blue (89%)

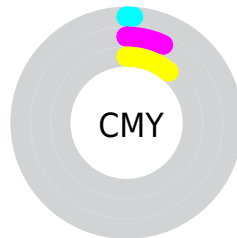


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (7%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.5227, 0.3304, 0.3409 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 87.5227, 0.3304, 0.3409 by changing the saturation by 10% instead.


 87.5227, 0.3304,
0.3409

 87.5227, 0.3304,
0.3409

519.9389, 0.3225,
0.3356

 65.9279, 0.3322,
0.3421

143.8925, 0.3277,
0.3391

 48.2138, 0.3343,
0.3435


179.4362, 0.3266,
0.3384

 33.9963, 0.3370,
0.3452


220.3983, 0.3257,
0.3378

 22.8907, 0.3404,
0.3474

267.1632, 0.3249,
0.3372

 14.5128, 0.3450,
0.3504

320.1154, 0.3242,
0.3368

 8.4782, 0.3514,
0.3544

379.6391, 0.3235,

 4.4024, 0.3609,

0.3363

0.3603

446.1188, 0.3230,
0.3360

■ 1.9011, 0.3765,
0.3696

■ 0.5491, 0.4927,
0.4523

■ 87.5227, 0.3304,
0.3409

■ 87.5227, 0.3304,
0.3409

■ 78.3438, 0.3496,
0.3527

■ 97.5580, 0.3138,
0.3297

■ 69.9860, 0.3717,
0.3649

■ 99.6329, 0.3115,
0.3290

■ 62.4285, 0.3967,
0.3769

■ 55.6451, 0.4245,
0.3881

■ 49.6078, 0.4543,
0.3974

■ 44.2867, 0.4849,
0.4035

■ 39.6492, 0.5143,
0.4050

■ 35.6588, 0.5404,
0.4012

■ 32.4793, 0.5606,
0.3931

Harmonies

Analogous

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



87.5227, 0.3305, 0.3339



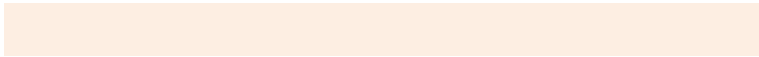
87.5227, 0.3304, 0.3409



87.5227, 0.3255, 0.3449

Triad

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



87.5227, 0.3304, 0.3409



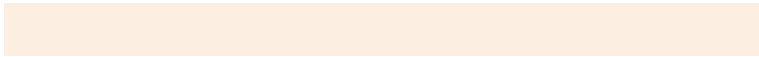
87.5227, 0.2999, 0.3322



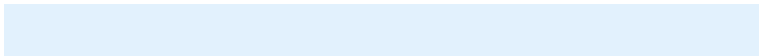
87.5227, 0.3080, 0.3140

Complementary

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



87.5227, 0.3304, 0.3409



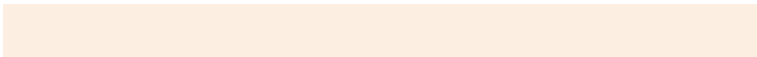
86.2331, 0.2961, 0.3168

Split Complementary

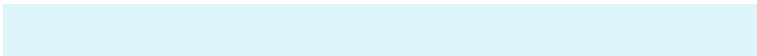
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5227, 0.2999, 0.3134



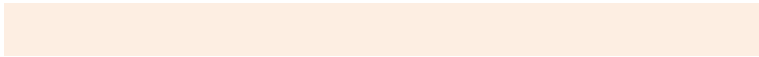
87.5227, 0.3304, 0.3409



87.5227, 0.2953, 0.3237

Square

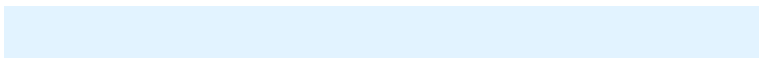
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5227, 0.3304, 0.3409



87.5227, 0.3079, 0.3399



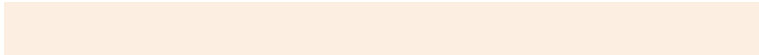
87.5227, 0.2953, 0.3169



87.5227, 0.3174, 0.3185

Rectangle

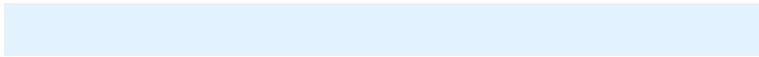
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5227, 0.3304, 0.3409



87.5227, 0.3203, 0.3452



87.5227, 0.2953, 0.3169



87.5227, 0.3050, 0.3134

Sweetspot

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



87.5266, 0.3304, 0.3409



96.8263, 0.3174, 0.3323



81.6701, 0.3216, 0.3139



20.5461, 0.3187, 0.3331



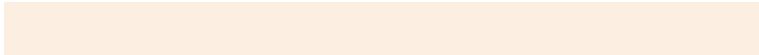
0.0000, 0.0000, 0.0000



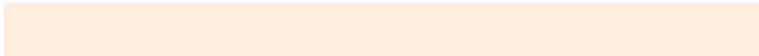
21.4041, 0.3127, 0.3290

Same Dimension

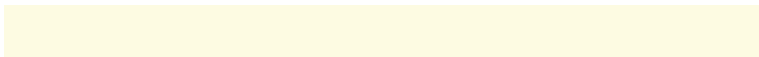
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5266, 0.3304, 0.3409



86.8171, 0.3346, 0.3436



95.5374, 0.3289, 0.3537



19.3101, 0.3283, 0.3396



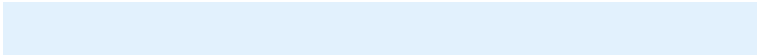
17.5492, 0.5579, 0.3953



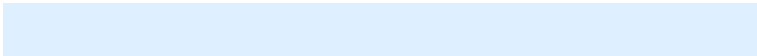
1.9223, 0.5382, 0.4108

Inverse Universe

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



86.2331, 0.2961, 0.3168



85.2401, 0.2924, 0.3140



78.6593, 0.2959, 0.3030



19.0574, 0.2979, 0.3182



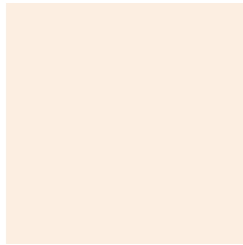
14.2070, 0.1825, 0.1770



1.6012, 0.1877, 0.1958

Previews

White Background



This preview shows how the Yxy color 87.5227, 0.3304, 0.3409 looks on a white background.

Color Contrast Check

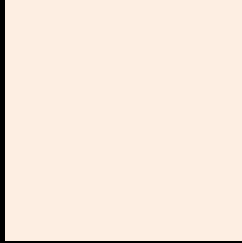
Large Text (above 18pt) WCAG AA × Fail

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 87.5227, 0.3304, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

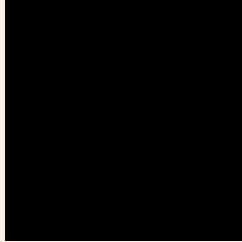
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.5227, 0.3304, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 87.5227, 0.3304, 0.3409.

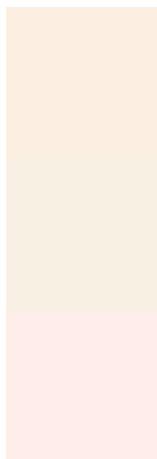


This preview shows how white text looks on a background with the Yxy color 87.5227, 0.3304, 0.3409.

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

87.5227, 0.3304, 0.3409

Protanopia

87.8227, 0.3261, 0.3420

Deuteranopia

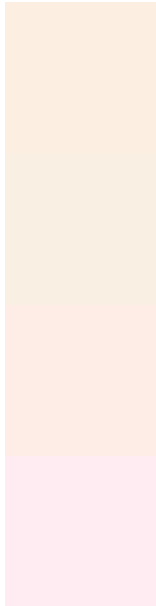
87.7689, 0.3267, 0.3320



Tritanopia

87.6417, 0.3161, 0.3135

Trichromacy



Original Color

87.5227, 0.3304, 0.3409

Protanomaly

87.6030, 0.3276, 0.3410

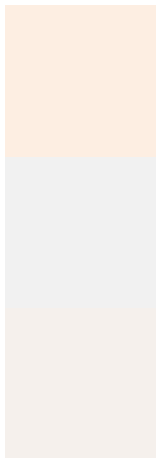
Deuteranomaly

87.4087, 0.3280, 0.3350

Tritanomaly

87.4725, 0.3210, 0.3232

Monochromacy



Original Color

87.5227, 0.3304, 0.3409

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7888, 0.3185, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.5227, 0.3304, 0.3409 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(253, 238, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 226)  
}
```

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(253, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 226) }
```

Border

The CSS property to change the border of an element to Yxy 87.5227, 0.3304, 0.3409 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(253, 238, 226) }
```

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

```
.border{ border-color:rgb(253, 238, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 238, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 87.5227, 0.3304, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 226) }
```

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

```
.background{ background-color: rgb(253,  
238, 226) }
```

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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