

Converting Colors

$Y_{xy}(80.2135, 0.3359, 0.3454)$

Have a look what the booklet for
Yxy(80.2135, 0.3359, 0.3454)
contains.

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Color

Yxy(79.8837, 0.3353, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	F6E4D5
RGB	246, 228, 213
RGB Percent	96%, 89%, 84%
CMY	0.0354, 0.1058, 0.1648
CMYK	0.00, 0.07, 0.13, 0.04
HSL	27°, 65%, 90%
HSV	27°, 13%, 96%
XYZ	77.7504, 79.8837, 74.2489
YIQ	231.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

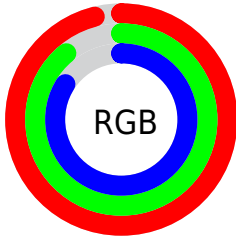
Format	Color
R _Y B	246, 241, 213
Decimal	16180437
CIE Lab	91.63, 3.68, 9.54
CIE LCh	92, 10.222, 68.874
Yxy	79.8837, 0.3353, 0.3445
Android (android.graphics.Color)	4294370517 (0xFFFF6E4D5)
YUV	231.6720, -9.2053, 12.5657
Hunter-Lab	89.3777, -1.1323, 13.3102

Details

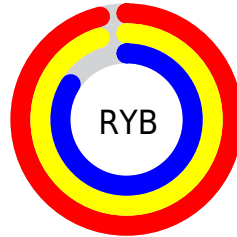
The Yxy color **79.8837, 0.3353, 0.3445** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9060, 0.2918, 0.3130**, and the grayscale version is **80.4983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.3029, 0.3412, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **71.6495, 0.3551, 0.3568**, and if you desaturate by 10%, it is **88.8845, 0.3181, 0.3328**.

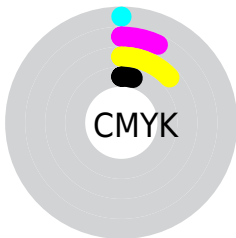
Distribution



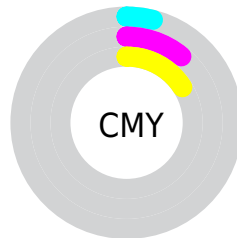
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.8837, 0.3353, 0.3445 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 79.8837, 0.3353, 0.3445 by changing the saturation by 10% instead.


 79.8837, 0.3353,
0.3445

 79.8837, 0.3353,
0.3445


494.5408, 0.3250,
0.3375

 59.6227, 0.3376,
0.3461


133.2022, 0.3317,
0.3421

 43.1146, 0.3405,
0.3480


167.0285, 0.3304,
0.3412

 29.9750, 0.3441,
0.3503


206.1452, 0.3292,
0.3404

 19.8196, 0.3488,
0.3534

250.9369, 0.3281,
0.3396

 12.2640, 0.3551,
0.3574

301.7879, 0.3272,
0.3390

 6.9237, 0.3640,
0.3630

359.0827, 0.3264,

 3.4144, 0.3776,

0.3385

0.3714

423.2055, 0.3256,
0.3380

■ 1.3517, 0.4028,
0.3868

■ 0.1807, 0.5915,
0.4085

■ 79.8837, 0.3353,
0.3445

■ 79.8837, 0.3353,
0.3445

■ 71.6495, 0.3551,
0.3568

■ 88.8845, 0.3181,
0.3328

■ 64.1501, 0.3778,
0.3693

■ 98.1918, 0.3072,
0.3288

■ 57.3664, 0.4032,
0.3815

■ 98.3290, 0.3072,
0.3290

■ 51.2748, 0.4311,
0.3926

■ 45.8499, 0.4606,
0.4015

■ 41.0643, 0.4904,
0.4068

■ 36.8883, 0.5185,
0.4073

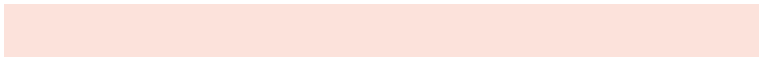
■ 33.2878, 0.5428,
0.4022

■ 31.2075, 0.5564,
0.3964

Harmonies

Analogous

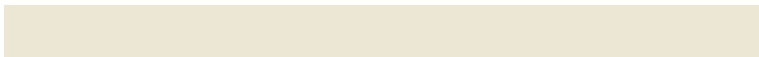
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8837, 0.3356, 0.3356



79.8837, 0.3353, 0.3445



79.8837, 0.3288, 0.3495

Triad

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



79.8837, 0.3353, 0.3445



79.8837, 0.2959, 0.3326



79.8837, 0.3071, 0.3100

Complementary

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



79.8837, 0.3353, 0.3445



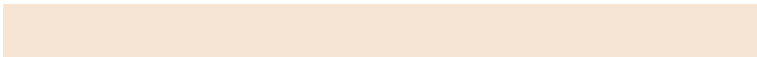
77.9060, 0.2918, 0.3130

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.



79.8837, 0.2967, 0.3090



79.8837, 0.3353, 0.3445



79.8837, 0.2903, 0.3217

Square

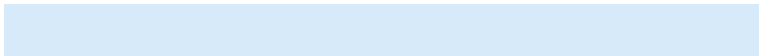
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8837, 0.3353, 0.3445



79.8837, 0.3060, 0.3427



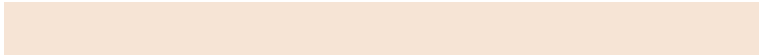
79.8837, 0.2906, 0.3131



79.8837, 0.3192, 0.3159

Rectangle

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



79.8837, 0.3353, 0.3445



79.8837, 0.3219, 0.3497



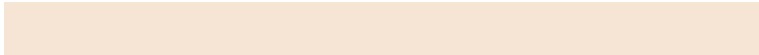
79.8837, 0.2906, 0.3131



79.8837, 0.3033, 0.3091

Sweetspot

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



79.8872, 0.3353, 0.3445



95.8702, 0.3190, 0.3335



72.9374, 0.3245, 0.3105



20.3572, 0.3202, 0.3344



0.0000, 0.0000, 0.0000



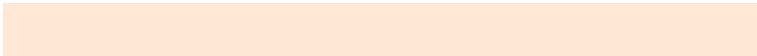
21.4041, 0.3127, 0.3290

Same Dimension

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



79.8872, 0.3353, 0.3445



84.2898, 0.3402, 0.3477



89.2905, 0.3331, 0.3607



17.7270, 0.3282, 0.3398



16.9332, 0.5537, 0.3986



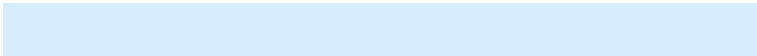
1.6910, 0.5326, 0.4153

Inverse Universe

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



77.9060, 0.2918, 0.3130



81.7678, 0.2876, 0.3096



69.2001, 0.2912, 0.2952



17.4210, 0.2980, 0.3179



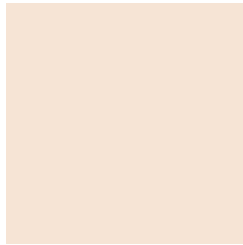
12.9150, 0.1813, 0.1727



1.3405, 0.1872, 0.1938

Previews

White Background



This preview shows how the Yxy color 79.8837, 0.3353, 0.3445 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 79.8837, 0.3353, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

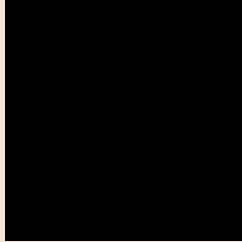
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

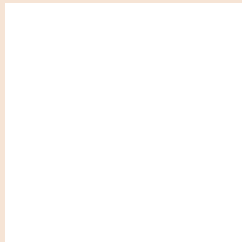
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.8837, 0.3353, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 79.8837, 0.3353, 0.3445.

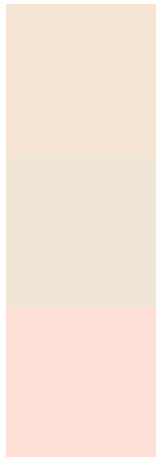


This preview shows how white text looks on a background with the Yxy color 79.8837, 0.3353, 0.3445.

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

79.8837, 0.3353, 0.3445

Protanopia

79.7994, 0.3294, 0.3457

Deuteranopia

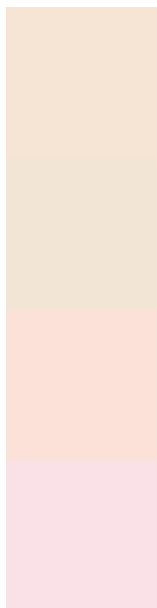
79.5811, 0.3397, 0.3361



Tritanopia

79.9862, 0.3198, 0.3121

Trichromacy



Original Color

79.8837, 0.3353, 0.3445

Protanomaly

79.7709, 0.3316, 0.3446

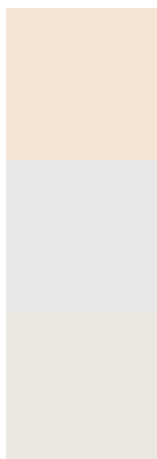
Deuteranomaly

79.5037, 0.3380, 0.3382

Tritanomaly

79.7597, 0.3257, 0.3230

Monochromacy



Original Color

79.8837, 0.3353, 0.3445

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5926, 0.3207, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8837, 0.3353, 0.3445 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(246, 228, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 213)  
}
```

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(246, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 213) }
```

Border

The CSS property to change the border of an element to Yxy 79.8837, 0.3353, 0.3445 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(246, 228, 213) }
```

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

```
.border{ border-color:rgb(246, 228, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8837, 0.3353, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 213) }
```

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

```
.background{ background-color: rgb(246,  
228, 213) }
```

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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