

Converting Colors

$Yxy(80.2897, 0.3386, 0.3503)$

Have a look what the booklet for
Yxy(80.2897, 0.3386, 0.3503)
contains.

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Color

Yxy(80.1855, 0.3385, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	F6E5D0
RGB	246, 229, 208
RGB Percent	96%, 90%, 82%
CMY	0.0355, 0.1019, 0.1844
CMYK	0.00, 0.07, 0.15, 0.04
HSL	33°, 68%, 89%
HSV	33°, 15%, 96%
XYZ	77.3960, 80.1855, 71.0626
YIQ	231.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

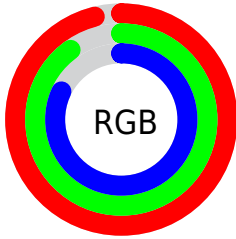
Format	Color
R _Y B	239, 246, 208
Decimal	16180688
CIE Lab	91.77, 2.39, 12.32
CIE LCh	92, 12.553, 79.028
Yxy	80.1855, 0.3385, 0.3507
Android (android.graphics.Color)	4294370768 (0xFFFF6E5D0)
YUV	231.6890, -11.6787, 12.5507
Hunter-Lab	89.5464, -2.4263, 15.6308

Details

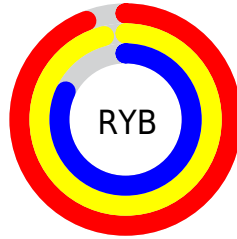
The Yxy color **80.1855, 0.3385, 0.3507** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8625, 0.2884, 0.3063**, and the grayscale version is **80.5282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4240, 0.3436, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **73.1917, 0.3579, 0.3656**, and if you desaturate by 10%, it is **87.7575, 0.3212, 0.3364**.

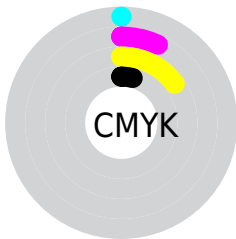
Distribution



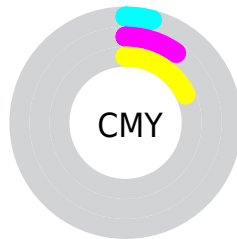
- Red (96%)
- Green (90%)
- Blue (82%)



- Red (94%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1855, 0.3385, 0.3507 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 80.1855, 0.3385, 0.3507 by changing the saturation by 10% instead.


 80.1855, 0.3385,
0.3507

 80.1855, 0.3385,
0.3507


495.5578, 0.3267,
0.3409

 59.8710, 0.3411,
0.3529


133.6265, 0.3345,
0.3473

 43.3147, 0.3444,
0.3556


167.5218, 0.3329,
0.3460

 30.1321, 0.3485,
0.3589


206.7128, 0.3315,
0.3449

 19.9389, 0.3537,
0.3632

251.5840, 0.3303,
0.3439

 12.3506, 0.3608,
0.3689

302.5197, 0.3293,
0.3430

 6.9829, 0.3708,
0.3769

359.9043, 0.3283,

 3.4514, 0.3859,

0.3422

0.3886

424.1222, 0.3275,
0.3415

■ 1.3717, 0.4177,
0.4142

■ 0.1957, 0.5553,
0.4447

■ 80.1855, 0.3385,
0.3507

■ 80.1855, 0.3385,
0.3507

■ 73.1917, 0.3579,
0.3656

■ 87.7575, 0.3212,
0.3364

■ 66.7499, 0.3795,
0.3806

■ 95.7710, 0.3073,
0.3251

■ 60.8470, 0.4030,
0.3951

■ 98.3240, 0.3072,
0.3290

■ 55.4654, 0.4280,
0.4081

■ 50.5864, 0.4534,
0.4186

■ 46.1893, 0.4782,
0.4251

■ 42.2511, 0.5006,
0.4267

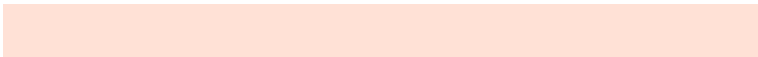
■ 38.7450, 0.5195,
0.4227

■ 37.2736, 0.5272,
0.4196

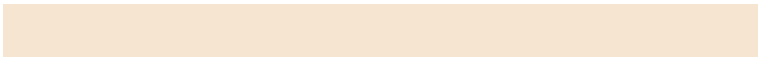
Harmonies

Analogous

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



80.1855, 0.3417, 0.3410



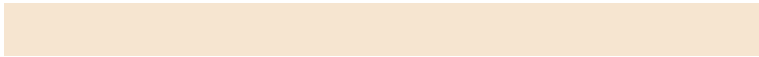
80.1855, 0.3385, 0.3507



80.1855, 0.3284, 0.3548

Triad

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



80.1855, 0.3385, 0.3507



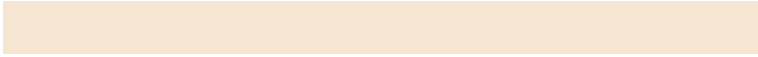
80.1855, 0.2891, 0.3287



80.1855, 0.3107, 0.3077

Complementary

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



80.1855, 0.3385, 0.3507



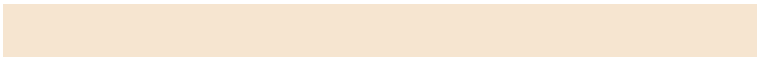
73.8625, 0.2884, 0.3063

Split Complementary

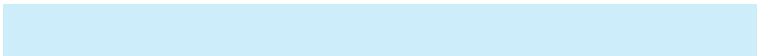
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1855, 0.2969, 0.3042



80.1855, 0.3385, 0.3507



80.1855, 0.2846, 0.3160

Square

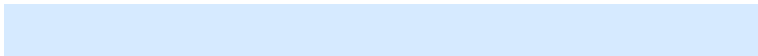
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1855, 0.3385, 0.3507



80.1855, 0.2998, 0.3420



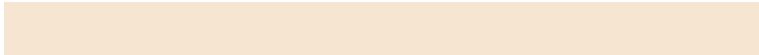
80.1855, 0.2874, 0.3071



80.1855, 0.3254, 0.3165

Rectangle

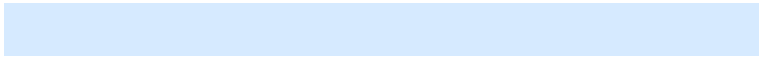
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1855, 0.3385, 0.3507



80.1855, 0.3191, 0.3535



80.1855, 0.2874, 0.3071



80.1855, 0.3058, 0.3059

Sweetspot

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



80.1891, 0.3385, 0.3507



95.6322, 0.3205, 0.3358



70.1291, 0.3292, 0.3114



20.3406, 0.3217, 0.3368



0.0000, 0.0000, 0.0000



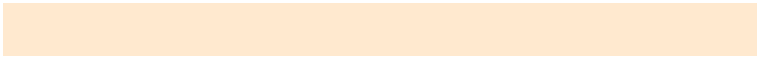
21.4041, 0.3127, 0.3290

Same Dimension

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



80.1891, 0.3385, 0.3507



84.2461, 0.3452, 0.3560



89.6778, 0.3346, 0.3675



18.0053, 0.3280, 0.3421



20.1884, 0.5250, 0.4214



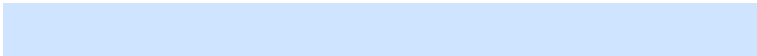
1.9793, 0.5081, 0.4348

Inverse Universe

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



73.8625, 0.2884, 0.3063



75.9915, 0.2824, 0.3004



65.4405, 0.2889, 0.2877



17.1431, 0.2980, 0.3155



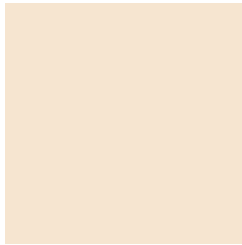
9.7380, 0.1723, 0.1401



1.0576, 0.1789, 0.1641

Previews

White Background



This preview shows how the Yxy color 80.1855, 0.3385, 0.3507 looks on a white background.

Color Contrast Check

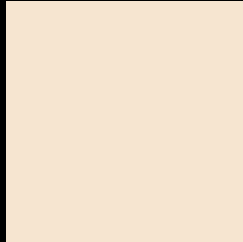
Large Text (above 18pt) WCAG AA × Fail

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 80.1855, 0.3385, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

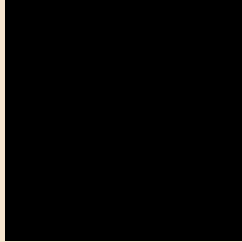
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.1855, 0.3385, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 80.1855, 0.3385, 0.3507.

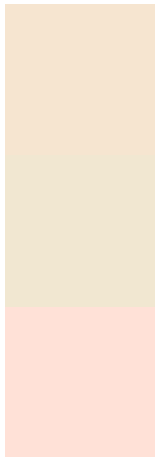


This preview shows how white text looks on a background with the Yxy color 80.1855, 0.3385, 0.3507.

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

80.1855, 0.3385, 0.3507

Protanopia

80.4560, 0.3340, 0.3519

Deuteranopia

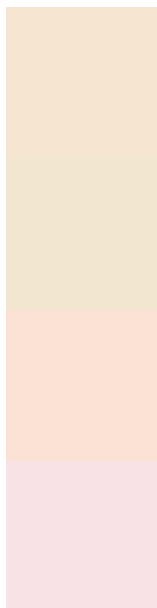
80.0167, 0.3409, 0.3391



Tritanopia

80.0461, 0.3191, 0.3111

Trichromacy



Original Color

80.1855, 0.3385, 0.3507

Protanomaly

80.2518, 0.3355, 0.3508

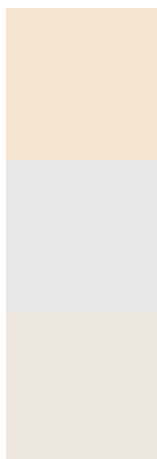
Deuteranomaly

79.8416, 0.3406, 0.3433

Tritanomaly

80.2456, 0.3262, 0.3250

Monochromacy



Original Color

80.1855, 0.3385, 0.3507

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.4841, 0.3220, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1855, 0.3385, 0.3507 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, 229, 208)` looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 208)  
}
```

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, 229, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 208) }
```

Border

The CSS property to change the border of an element to Yxy 80.1855, 0.3385, 0.3507 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, 229, 208) }
```

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

```
.border{ border-color:rgb(246, 229, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 208);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1855, 0.3385, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 208) }
```

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

```
.background{ background-color: rgb(246,  
229, 208) }
```

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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