

Converting Colors

$Y_{xy}(80.0902, 0.3335, 0.3460)$

Have a look what the booklet for
Yxy(80.0902, 0.3335, 0.3460)
contains.

Yxy(80.0758, 0.3337, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(80.0758, 0.3337, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	F4E5D5
RGB	244, 229, 213
RGB Percent	96%, 90%, 84%
CMY	0.0431, 0.1019, 0.1646
CMYK	0.00, 0.06, 0.13, 0.04
HSL	31°, 58%, 90%
HSV	31°, 13%, 96%
XYZ	77.3409, 80.0758, 74.3511
YIQ	231.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

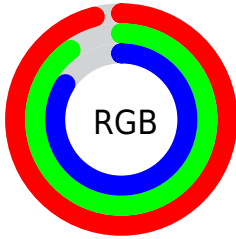
Format	Color
R _Y B	242, 244, 213
Decimal	16049621
CIE Lab	91.72, 2.49, 9.60
CIE LCh	92, 9.921, 75.462
Yxy	80.0758, 0.3337, 0.3455
Android (android.graphics.Color)	4294239701 (0xFFFF4E5D5)
YUV	231.6610, -9.1999, 10.8213
Hunter-Lab	89.4851, -2.3234, 13.3768

Details

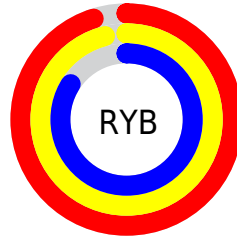
The Yxy color $80.0758, 0.3337, 0.3455$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $76.1863, 0.2929, 0.3119$, and the grayscale version is $80.4952, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.4321, 0.3391, 0.3503$ is the 20% darker color. If you saturate the color by 10%, you get $72.6132, 0.3528, 0.3593$, and if you desaturate by 10%, it is $88.1771, 0.3169, 0.3324$.

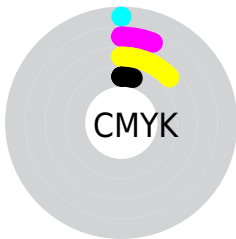
Distribution



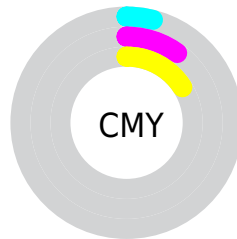
- Red (96%)
- Green (90%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.0758, 0.3337, 0.3455 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 80.0758, 0.3337, 0.3455 by changing the saturation by 10% instead.


 80.0758, 0.3337,
0.3455

 80.0758, 0.3337,
0.3455


495.1882, 0.3241,
0.3380

 59.7807, 0.3359,
0.3472


133.4723, 0.3304,
0.3429

 43.2419, 0.3385,
0.3492


167.3425, 0.3291,
0.3419

 30.0750, 0.3418,
0.3517


206.5066, 0.3280,
0.3411

 19.8955, 0.3462,
0.3550


251.3489, 0.3270,
0.3403

 12.3191, 0.3520,
0.3594

302.2538, 0.3262,
0.3396

 6.9614, 0.3602,
0.3655

359.6057, 0.3254,

 3.4380, 0.3727,

0.3391

0.3747

423.7891, 0.3247,
0.3385

■ 1.3644, 0.3959,
0.3915

■ 0.1903, 0.5595,
0.4405

■ 80.0758, 0.3337,
0.3455

■ 80.0758, 0.3337,
0.3455

■ 72.6132, 0.3528,
0.3593

■ 88.1771, 0.3169,
0.3324

■ 65.7615, 0.3744,
0.3733

■ 96.4748, 0.3060,
0.3267

■ 59.5063, 0.3982,
0.3871

■ 97.9733, 0.3060,
0.3290

■ 53.8286, 0.4240,
0.3997

■ 48.7080, 0.4510,
0.4102

■ 44.1224, 0.4779,
0.4171

■ 40.0477, 0.5031,
0.4193

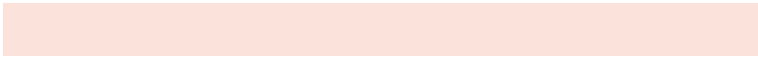
■ 36.4561, 0.5249,
0.4160

■ 34.1120, 0.5386,
0.4106

Harmonies

Analogous

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



80.0758, 0.3354, 0.3375



80.0758, 0.3337, 0.3455



80.0758, 0.3263, 0.3492

Triad

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



80.0758, 0.3337, 0.3455



80.0758, 0.2948, 0.3301



80.0758, 0.3098, 0.3115

Complementary

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



80.0758, 0.3337, 0.3455



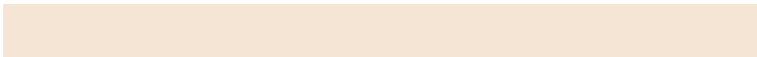
76.1863, 0.2929, 0.3119

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.



80.0758, 0.2991, 0.3093



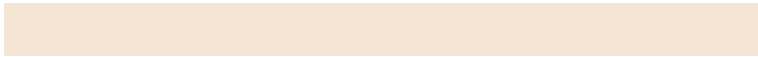
80.0758, 0.3337, 0.3455



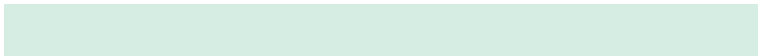
80.0758, 0.2906, 0.3199

Square

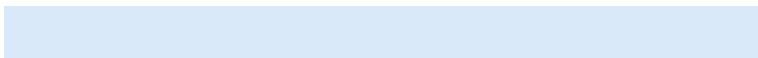
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0758, 0.3337, 0.3455



80.0758, 0.3038, 0.3403



80.0758, 0.2921, 0.3123



80.0758, 0.3215, 0.3181

Rectangle

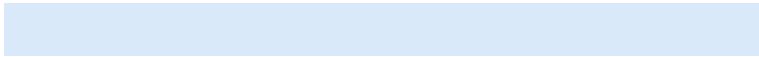
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0758, 0.3337, 0.3455



80.0758, 0.3192, 0.3486



80.0758, 0.2921, 0.3123



80.0758, 0.3060, 0.3102

Sweetspot

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



80.0793, 0.3337, 0.3455



96.2490, 0.3190, 0.3341



72.4683, 0.3248, 0.3131



20.4530, 0.3202, 0.3350



0.0000, 0.0000, 0.0000



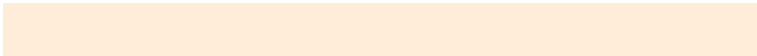
21.4041, 0.3127, 0.3290

Same Dimension

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



80.0793, 0.3337, 0.3455



86.5219, 0.3380, 0.3487



88.7411, 0.3317, 0.3604



17.8960, 0.3281, 0.3412



18.8232, 0.5362, 0.4125



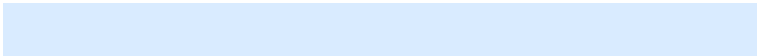
1.8602, 0.5176, 0.4272

Inverse Universe

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



76.1863, 0.2929, 0.3119



81.5074, 0.2891, 0.3085



68.2876, 0.2925, 0.2955



17.2514, 0.2980, 0.3165



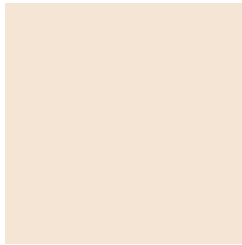
10.8896, 0.1757, 0.1525



1.1620, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 80.0758, 0.3337, 0.3455 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 80.0758, 0.3337, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

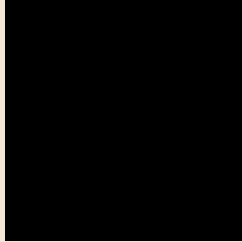
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.0758, 0.3337, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 80.0758, 0.3337, 0.3455.

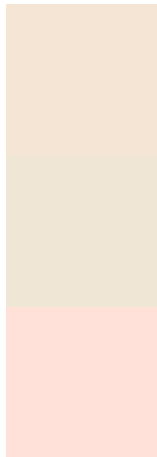


This preview shows how white text looks on a background with the Yxy color 80.0758, 0.3337, 0.3455.

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

80.0758, 0.3337, 0.3455

Protanopia

79.9739, 0.3301, 0.3456

Deuteranopia

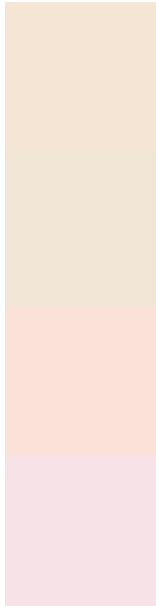
80.1202, 0.3395, 0.3371



Tritanopia

80.2177, 0.3177, 0.3121

Trichromacy



Original Color

80.0758, 0.3337, 0.3455

Protanomaly

80.1494, 0.3308, 0.3456

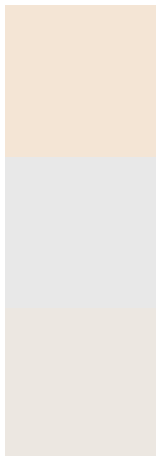
Deuteranomaly

79.8598, 0.3371, 0.3392

Tritanomaly

79.9364, 0.3242, 0.3240

Monochromacy



Original Color

80.0758, 0.3337, 0.3455

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.4209, 0.3200, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0758, 0.3337, 0.3455 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(244, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(244, 229, 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(244, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 229, 213) }
```

Border

The CSS property to change the border of an element to Yxy 80.0758, 0.3337, 0.3455 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(244, 229, 213) }
```

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

```
.border{ border-color:rgb(244, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(244, 229,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0758, 0.3337, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 229, 213) }
```

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

```
.background{ background-color: rgb(244,  
229, 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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