

Converting Colors

Yxy(80.6167, 0.3262, 0.3409)

Have a look what the booklet for
Yxy(80.6167, 0.3262, 0.3409)
contains.

Yxy(80.7916, 0.3267, 0.3414)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(80.7916, 0.3267, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	F0E7DB
RGB	240, 231, 219
RGB Percent	94%, 91%, 86%
CMY	0.0586, 0.0942, 0.1411
CMYK	0.00, 0.04, 0.09, 0.06
HSL	34°, 41%, 90%
HSV	34°, 9%, 94%
XYZ	77.3129, 80.7916, 78.5434
YIQ	232.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

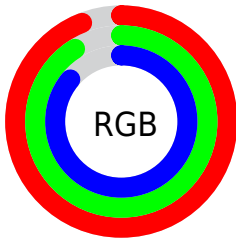
Format	Color
R _Y B	235, 240, 219
Decimal	15787995
CIE Lab	92.04, 1.05, 6.91
CIE LCh	92, 6.985, 81.317
Yxy	80.7916, 0.3267, 0.3414
Android (android.graphics.Color)	4293978075 (0xFFFF0E7DB)
YUV	232.3230, -6.5682, 6.7327
Hunter-Lab	89.8841, -3.7624, 11.1095

Details

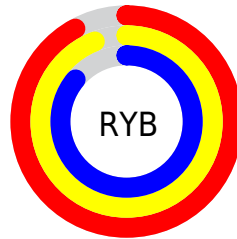
The Yxy color **80.7916, 0.3267, 0.3414** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8889, 0.2991, 0.3163**, and the grayscale version is **81.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.5306, 0.3300, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **73.9989, 0.3446, 0.3563**, and if you desaturate by 10%, it is **88.1161, 0.3109, 0.3273**.

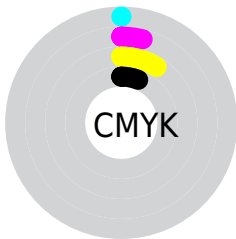
Distribution



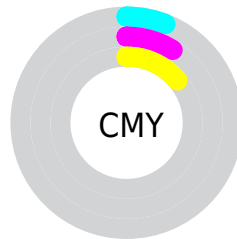
- Red (94%)
- Green (91%)
- Blue (86%)



- Red (92%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7916, 0.3267, 0.3414 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 80.7916, 0.3267, 0.3414 by changing the saturation by 10% instead.


 80.7916, 0.3267,
0.3414

 80.7916, 0.3267,
0.3414


497.5966, 0.3203,
0.3358

 60.3700, 0.3281,
0.3427

134.4781, 0.3245,
0.3395

 43.7169, 0.3299,
0.3442


168.5118, 0.3237,
0.3387

 30.4480, 0.3321,
0.3461


207.8516, 0.3229,
0.3381

 20.1789, 0.3349,
0.3486

252.8820, 0.3223,
0.3375

 12.5252, 0.3388,
0.3520

303.9872, 0.3217,
0.3370

 7.1024, 0.3442,
0.3567

361.5518, 0.3212,

 3.5262, 0.3525,

0.3365

425.9602, 0.3207,
0.3361

0.3638

■ 1.4122, 0.3666,
0.3758

■ 0.2257, 0.5156,
0.4844

■ 80.7916, 0.3267,
0.3414

■ 80.7916, 0.3267,
0.3414

■ 73.9989, 0.3446,
0.3563

■ 88.1161, 0.3109,
0.3273

■ 67.7138, 0.3645,
0.3716

■ 95.1762, 0.3036,
0.3257

■ 61.9255, 0.3864,
0.3868

■ 97.2756, 0.3036,
0.3290

■ 56.6187, 0.4101,
0.4013

■ 51.7774, 0.4347,
0.4139

■ 47.3838, 0.4594,
0.4236

■ 43.4189, 0.4828,
0.4289

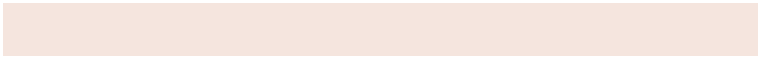
■ 39.8606, 0.5035,
0.4291

■ 36.6800, 0.5206,
0.4240

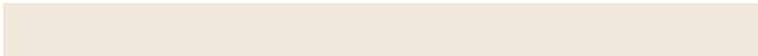
Harmonies

Analogous

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



80.7916, 0.3287, 0.3363



80.7916, 0.3267, 0.3414



80.7916, 0.3209, 0.3432

Triad

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



80.7916, 0.3267, 0.3414



80.7916, 0.2992, 0.3284



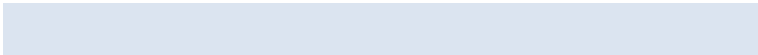
80.7916, 0.3123, 0.3173

Complementary

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



80.7916, 0.3267, 0.3414



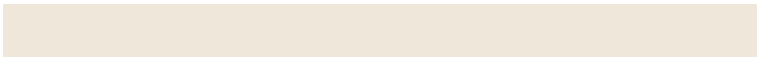
76.8889, 0.2991, 0.3163

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.



80.7916, 0.3045, 0.3152



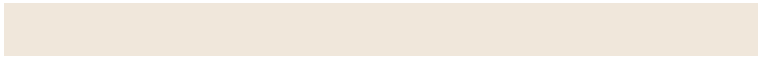
80.7916, 0.3267, 0.3414



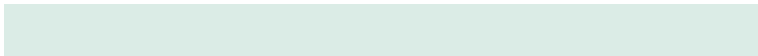
80.7916, 0.2970, 0.3214

Square

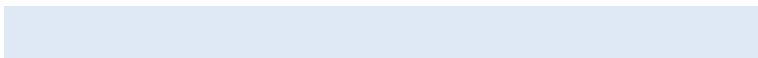
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



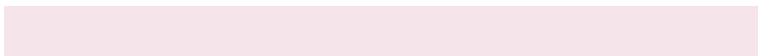
80.7916, 0.3267, 0.3414



80.7916, 0.3050, 0.3357



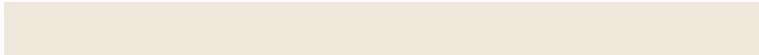
80.7916, 0.2989, 0.3166



80.7916, 0.3204, 0.3225

Rectangle

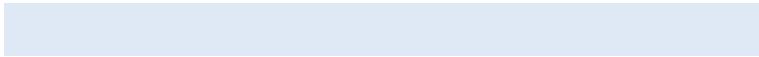
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.7916, 0.3267, 0.3414



80.7916, 0.3157, 0.3422



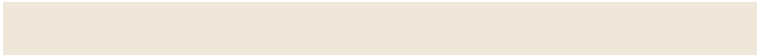
80.7916, 0.2989, 0.3166



80.7916, 0.3096, 0.3162

Sweetspot

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



80.7951, 0.3267, 0.3414



97.4313, 0.3173, 0.3332



74.8129, 0.3217, 0.3196



20.7094, 0.3186, 0.3343



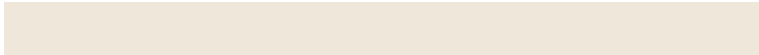
0.0000, 0.0000, 0.0000



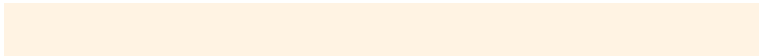
21.4041, 0.3127, 0.3290

Same Dimension

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



80.7951, 0.3267, 0.3414



90.8506, 0.3306, 0.3447



85.7610, 0.3248, 0.3506



17.2518, 0.3279, 0.3424



20.1355, 0.5205, 0.4249



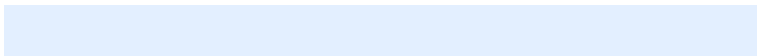
1.8723, 0.5036, 0.4384

Inverse Universe

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



76.8889, 0.2991, 0.3163



85.2992, 0.2955, 0.3128



72.2436, 0.3001, 0.3066



16.3492, 0.2980, 0.3152



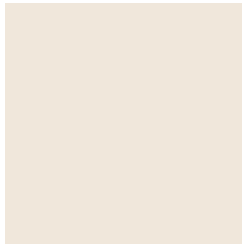
9.0554, 0.1710, 0.1357



0.9472, 0.1781, 0.1612

Previews

White Background



This preview shows how the Yxy color 80.7916, 0.3267, 0.3414 looks on a white background.

Color Contrast Check

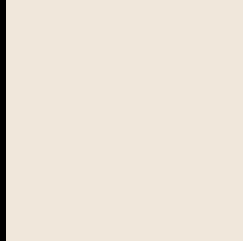
Large Text (above 18pt) WCAG AA × Fail

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 80.7916, 0.3267, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

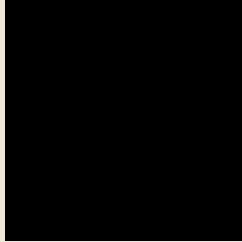
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

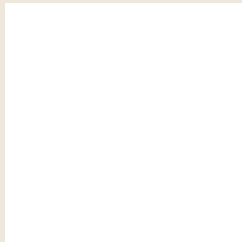
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.7916, 0.3267, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 80.7916, 0.3267, 0.3414.

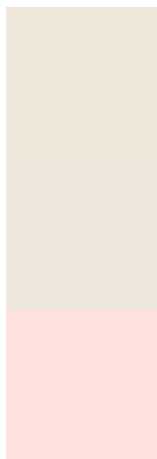


This preview shows how white text looks on a background with the Yxy color 80.7916, 0.3267, 0.3414.

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

80.7916, 0.3267, 0.3414

Protanopia

80.6170, 0.3260, 0.3415

Deuteranopia

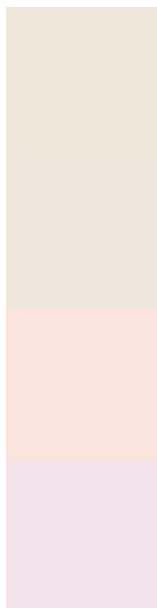
80.9266, 0.3359, 0.3331



Tritanopia

80.7638, 0.3129, 0.3110

Trichromacy



Original Color

80.7916, 0.3267, 0.3414

Protanomaly

80.6170, 0.3260, 0.3415

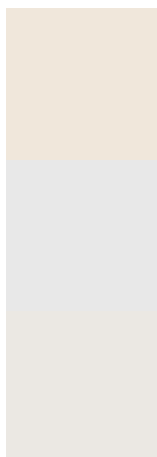
Deuteranomaly

81.0313, 0.3328, 0.3361

Tritanomaly

80.5976, 0.3179, 0.3209

Monochromacy



Original Color

80.7916, 0.3267, 0.3414

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.9214, 0.3179, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7916, 0.3267, 0.3414 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(240, 231, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 219)  
}
```

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(240, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 219) }
```

Border

The CSS property to change the border of an element to Yxy 80.7916, 0.3267, 0.3414 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(240, 231, 219) }
```

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

```
.border{ border-color:rgb(240, 231, 219) }
```

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

Here you see how a box with a 4 pixel rgb(240, 231, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7916, 0.3267, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 219) }
```

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

```
.background{ background-color: rgb(240,  
231, 219) }
```

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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