

Converting Colors

$Yxy(76.8222, 0.3279, 0.3371)$

Have a look what the booklet for
Yxy(76.8222, 0.3279, 0.3371)
contains.

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Color

Yxy(76.6718, 0.3280, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	EFE0D9
RGB	239, 224, 217
RGB Percent	94%, 88%, 85%
CMY	0.0630, 0.1215, 0.1491
CMYK	0.00, 0.06, 0.09, 0.06
HSL	19°, 41%, 89%
HSV	19°, 9%, 94%
XYZ	74.7573, 76.6718, 76.4895
YIQ	227.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

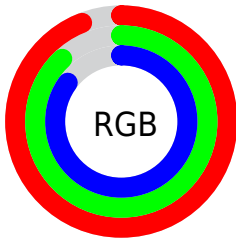
Format	Color
R _Y B	239, 227, 217
Decimal	15720665
CIE Lab	90.17, 3.91, 5.26
CIE LCh	90, 6.554, 53.393
Yxy	76.6718, 0.3280, 0.3364
Android (android.graphics.Color)	4293910745 (0xFFEFE0D9)
YUV	227.6870, -5.2687, 9.9215
Hunter-Lab	87.5624, -0.8381, 9.5014

Details

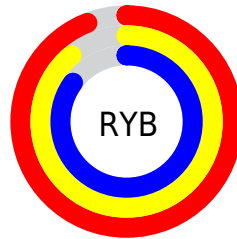
The Yxy color **76.6718, 0.3280, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.6237, 0.2985, 0.3215**, and the grayscale version is **77.3711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0518, 0.3318, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **67.2124, 0.3476, 0.3450**, and if you desaturate by 10%, it is **87.1497, 0.3115, 0.3284**.

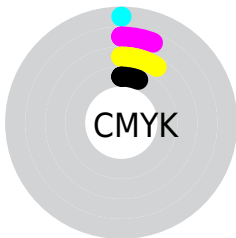
Distribution



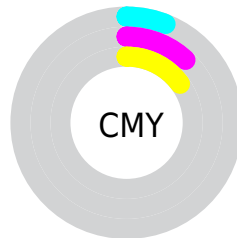
- Red (94%)
- Green (88%)
- Blue (85%)



- Red (94%)
- Yellow (89%)
- Blue (85%)



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




- Cyan (6%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6718, 0.3280, 0.3364 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 76.6718, 0.3280, 0.3364 by changing the saturation by 10% instead.

 76.6718, 0.3280,
0.3364

 76.6718, 0.3280,
0.3364


483.6443, 0.3210,
0.3331

 56.9835, 0.3296,
0.3371


128.6761, 0.3256,
0.3353

 40.9920, 0.3316,
0.3381

161.7609, 0.3246,
0.3348

 28.3129, 0.3341,
0.3392


200.0801, 0.3238,
0.3344

 18.5616, 0.3373,
0.3407

244.0179, 0.3231,
0.3341

 11.3540, 0.3417,
0.3427

293.9589, 0.3225,
0.3338

 6.3054, 0.3481,
0.3455

350.2873, 0.3219,

 3.0317, 0.3580,

0.3335

0.3497

413.3877, 0.3214,
0.3333

■ 1.1483, 0.3760,
0.3571

■ 0.0189, 0.8573,
0.1427

■ 76.6718, 0.3280,
0.3364

■ 76.6718, 0.3280,
0.3364

■ 67.2124, 0.3476,
0.3450

■ 87.1497, 0.3115,
0.3284

■ 58.7305, 0.3706,
0.3539

■ 97.0791, 0.3029,
0.3290

■ 51.1971, 0.3975,
0.3627

■ 44.5777, 0.4284,
0.3710

■ 38.8360, 0.4626,
0.3777

■ 33.9326, 0.4988,
0.3817

■ 29.8252, 0.5346,
0.3817

■ 26.4667, 0.5665,
0.3769

■ 23.7995, 0.5918,
0.3676

Harmonies

Analogous

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



76.6718, 0.3261, 0.3299



76.6718, 0.3280, 0.3364



76.6718, 0.3258, 0.3411

Triad

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



76.6718, 0.3280, 0.3364



76.6718, 0.3049, 0.3349



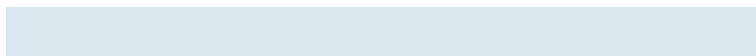
76.6718, 0.3053, 0.3158

Complementary

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



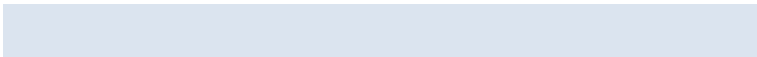
76.6718, 0.3280, 0.3364



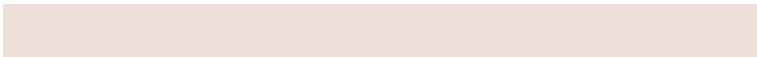
78.6237, 0.2985, 0.3215

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.



76.6718, 0.2998, 0.3170



76.6718, 0.3280, 0.3364



76.6718, 0.2996, 0.3279

Square

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



76.6718, 0.3280, 0.3364



76.6718, 0.3124, 0.3403



76.6718, 0.2977, 0.3214



76.6718, 0.3129, 0.3181

Rectangle

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



76.6718, 0.3280, 0.3364



76.6718, 0.3223, 0.3425



76.6718, 0.2977, 0.3214



76.6718, 0.3032, 0.3158

Sweetspot

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



76.6752, 0.3280, 0.3364



96.2483, 0.3175, 0.3314



73.7793, 0.3184, 0.3135



20.3904, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



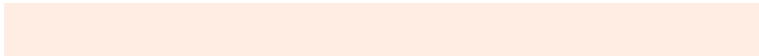
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6752, 0.3280, 0.3364



86.7703, 0.3314, 0.3380



82.7119, 0.3268, 0.3475



16.5875, 0.3285, 0.3366



13.2653, 0.5908, 0.3691



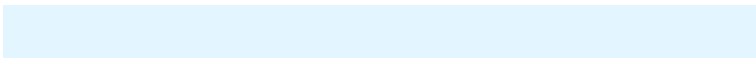
1.2768, 0.5652, 0.3894

Inverse Universe

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



78.6237, 0.2985, 0.3215



89.4491, 0.2956, 0.3199



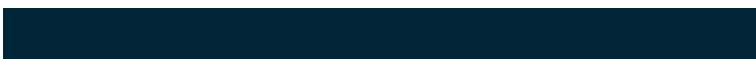
72.6917, 0.2984, 0.3098



17.0231, 0.2981, 0.3212



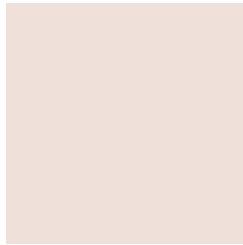
18.0190, 0.1946, 0.2206



1.6780, 0.1991, 0.2366

Previews

White Background



This preview shows how the Yxy color 76.6718, 0.3280, 0.3364 looks on a white background.

Color Contrast Check

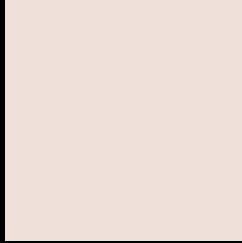
Large Text (above 18pt) WCAG AA × Fail

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 76.6718, 0.3280, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

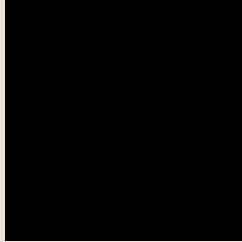
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

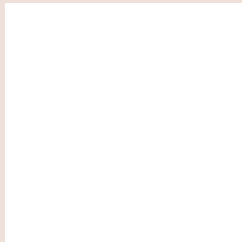
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6718, 0.3280, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 76.6718, 0.3280, 0.3364.

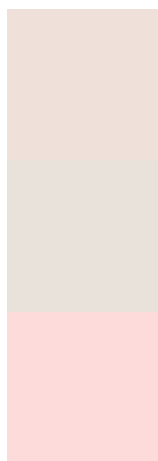


This preview shows how white text looks on a background with the Yxy color 76.6718, 0.3280, 0.3364.

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

76.6718, 0.3280, 0.3364

Protanopia

76.7783, 0.3229, 0.3375

Deuteranopia

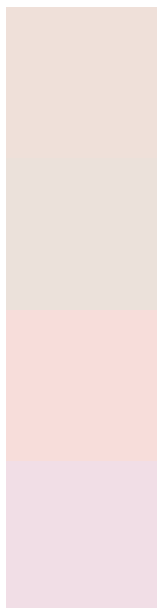
76.4204, 0.3375, 0.3301



Tritanopia

76.7632, 0.3163, 0.3117

Trichromacy



Original Color

76.6718, 0.3280, 0.3364

Protanomaly

76.5746, 0.3244, 0.3364

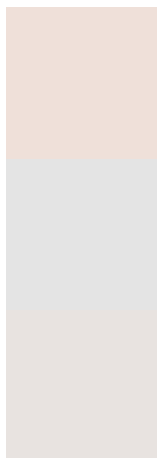
Deuteranomaly

76.5490, 0.3335, 0.3321

Tritanomaly

76.6565, 0.3209, 0.3208

Monochromacy



Original Color

76.6718, 0.3280, 0.3364

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4758, 0.3181, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6718, 0.3280, 0.3364 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(239, 224, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 217)  
}
```

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(239, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 217) }
```

Border

The CSS property to change the border of an element to Yxy 76.6718, 0.3280, 0.3364 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(239, 224, 217) }
```

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

```
.border{ border-color:rgb(239, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6718, 0.3280, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 217) }
```

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

```
.background{ background-color: rgb(239,  
224, 217) }
```

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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