

Converting Colors

$Y_{xy}(76.4332, 0.3295, 0.3371)$

Have a look what the booklet for
Yxy(76.4332, 0.3295, 0.3371)
contains.

| | |
|---|----|
| Yxy(76.2585, 0.3296, 0.3364) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(76.2585, 0.3296, 0.3364)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0DFD8 |
| RGB | 240, 223, 216 |
| RGB Percent | 94%, 87%, 85% |
| CMY | 0.0587, 0.1255, 0.1531 |
| CMYK | 0.00, 0.07, 0.10, 0.06 |
| HSL | 18°, 45%, 89% |
| HSV | 18°, 10%, 94% |
| XYZ | 74.7170, 76.2585, 75.7144 |
| YIQ | 227.2850, 12.3790, 1.4270 |

Conversions

Conversions Part 2

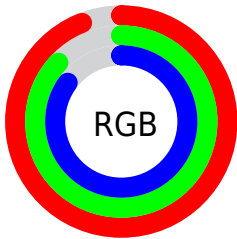
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 240, 226, 216 |
| Decimal | 15785944 |
| CIE Lab | 89.98, 4.65, 5.53 |
| CIE LCh | 90, 7.228, 49.967 |
| Yxy | 76.2585, 0.3296, 0.3364 |
| Android (android.graphics.Color) | 4293976024 (0xFFFF0DFD8) |
| YUV | 227.2850, -5.5635, 11.1511 |
| Hunter-Lab | 87.3261, -0.0945, 9.7220 |

Details

The Yxy color **76.2585, 0.3296, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.1437, 0.2972, 0.3215**, and the grayscale version is **77.0703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7688, 0.3338, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **66.4919, 0.3496, 0.3443**, and if you desaturate by 10%, it is **87.1220, 0.3128, 0.3290**.

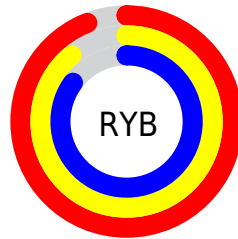
Distribution



Red (94%)

Green (87%)

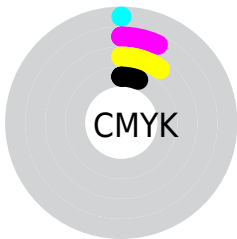
Blue (85%)



Red (94%)

Yellow (89%)

Blue (85%)

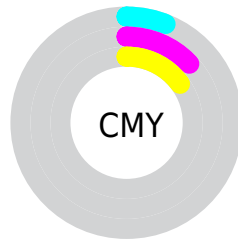


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (6%)



Cyan (6%)

Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2585, 0.3296, 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 76.2585, 0.3296, 0.3364 by changing the saturation by 10% instead.


 76.2585, 0.3296,
0.3364

 76.2585, 0.3296,
0.3364


482.2321, 0.3218,
0.3331

 56.6445, 0.3314,
0.3371


128.0922, 0.3269,
0.3353

 40.7199, 0.3336,
0.3381

161.0808, 0.3259,
0.3348

 28.1003, 0.3363,
0.3392


199.2963, 0.3250,
0.3344

 18.4013, 0.3399,
0.3407

243.1231, 0.3242,
0.3341

 11.2385, 0.3449,
0.3426

292.9458, 0.3235,
0.3338

 6.2275, 0.3519,
0.3454

349.1485, 0.3229,

 2.9839, 0.3630,

0.3335

0.3495

412.1159, 0.3223,
0.3333

■ 1.1233, 0.3835,
0.3571

■ 0.0000, 1.0000,
0.0000

■ 76.2585, 0.3296,
0.3364

■ 76.2585, 0.3296,
0.3364

■ 66.4919, 0.3496,
0.3443

■ 87.1220, 0.3128,
0.3290

■ 57.7775, 0.3734,
0.3524

■ 97.2685, 0.3036,
0.3290

■ 50.0826, 0.4013,
0.3605

■ 43.3686, 0.4333,
0.3679

■ 37.5945, 0.4689,
0.3738

■ 32.7165, 0.5065,
0.3769

■ 28.6865, 0.5434,
0.3761

■ 25.4513, 0.5757,
0.3706

■ 22.9498, 0.6006,
0.3613

Harmonies

Analogous

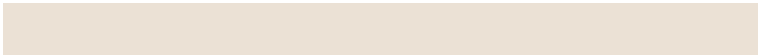
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2585, 0.3269, 0.3291



76.2585, 0.3296, 0.3364



76.2585, 0.3277, 0.3419

Triad

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



76.2585, 0.3296, 0.3364



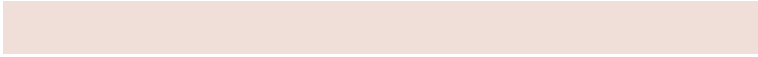
76.2585, 0.3050, 0.3363



76.2585, 0.3037, 0.3144

Complementary

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



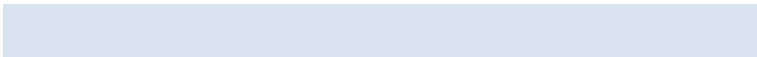
76.2585, 0.3296, 0.3364



79.1437, 0.2972, 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.



76.2585, 0.2980, 0.3161



76.2585, 0.3296, 0.3364



76.2585, 0.2987, 0.3287

Square

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



76.2585, 0.3296, 0.3364



76.2585, 0.3134, 0.3420



76.2585, 0.2961, 0.3213



76.2585, 0.3119, 0.3165

Rectangle

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



76.2585, 0.3296, 0.3364



76.2585, 0.3240, 0.3437



76.2585, 0.2961, 0.3213



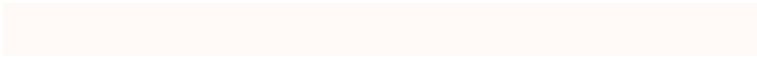
76.2585, 0.3014, 0.3145

Sweetspot

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



76.2619, 0.3296, 0.3364



96.1146, 0.3175, 0.3312



73.5111, 0.3185, 0.3112



20.3544, 0.3188, 0.3318



0.0000, 0.0000, 0.0000



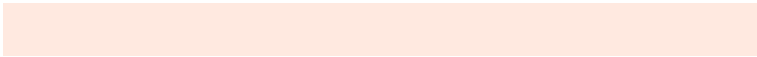
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2619, 0.3296, 0.3364



85.1488, 0.3334, 0.3380



82.7888, 0.3282, 0.3485



16.5134, 0.3286, 0.3360



12.7604, 0.5978, 0.3636



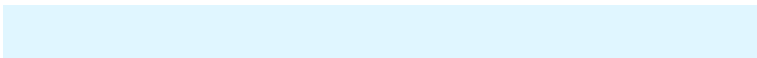
1.2273, 0.5720, 0.3840

Inverse Universe

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



79.1437, 0.2972, 0.3215



89.0635, 0.2941, 0.3199



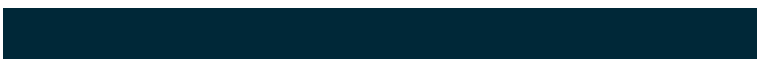
72.6857, 0.2971, 0.3088



17.1010, 0.2981, 0.3219



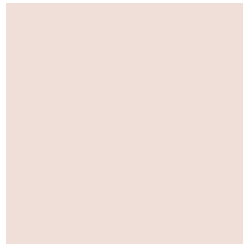
19.3572, 0.1974, 0.2307



1.7814, 0.2014, 0.2452

Previews

White Background



This preview shows how the Yxy color 76.2585, 0.3296, 0.3364 looks on a white background.

Color Contrast Check

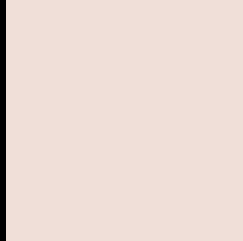
Large Text (above 18pt) WCAG AA × Fail

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 76.2585, 0.3296, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

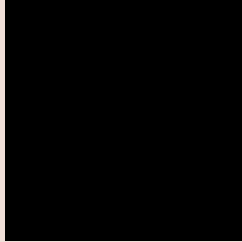
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

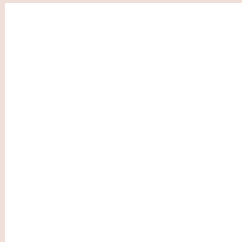
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2585, 0.3296, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 76.2585, 0.3296, 0.3364.

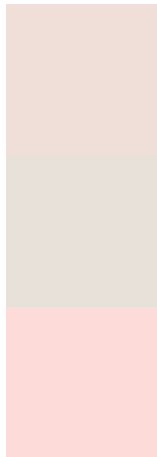


This preview shows how white text looks on a background with the Yxy color 76.2585, 0.3296, 0.3364.

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

76.2585, 0.3296, 0.3364

Protanopia

76.0160, 0.3229, 0.3375

Deuteranopia

76.3682, 0.3382, 0.3311



Tritanopia

76.3555, 0.3178, 0.3117

Trichromacy



Original Color

76.2585, 0.3296, 0.3364

Protanomaly

75.9832, 0.3252, 0.3364

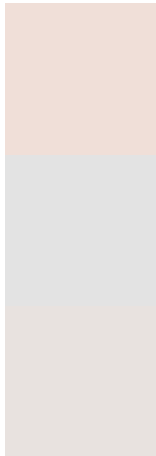
Deuteranomaly

76.1526, 0.3351, 0.3321

Tritanomaly

76.2473, 0.3224, 0.3208

Monochromacy



Original Color

76.2585, 0.3296, 0.3364

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8762, 0.3189, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2585, 0.3296, 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(240, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 216)  
}
```

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, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 216) }
```

Border

The CSS property to change the border of an element to Yxy 76.2585, 0.3296, 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(240, 223, 216) }
```

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

```
.border{ border-color:rgb(240, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2585, 0.3296, 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(240, 223, 216) }
```

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

```
.background{ background-color: rgb(240,  
223, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor