

Converting Colors

$Yxy(76.8607, 0.3302, 0.3342)$

Have a look what the booklet for
Yxy(76.8607, 0.3302, 0.3342)
contains.

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Color

Yxy(76.8920, 0.3304, 0.3342)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3DFDA |
| RGB | 243, 223, 218 |
| RGB Percent | 95%, 87%, 85% |
| CMY | 0.0469, 0.1255, 0.1451 |
| CMYK | 0.00, 0.08, 0.10, 0.05 |
| HSL | 12°, 51%, 90% |
| HSV | 12°, 10%, 95% |
| XYZ | 76.0177, 76.8920, 77.1681 |
| YIQ | 228.4100, 13.5250, 2.6850 |

Conversions

Conversions Part 2

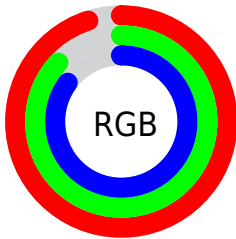
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 224, 218 |
| Decimal | 15982554 |
| CIE Lab | 90.27, 6.05, 4.91 |
| CIE LCh | 90, 7.793, 39.073 |
| Yxy | 76.8920, 0.3304, 0.3342 |
| Android (android.graphics.Color) | 4294172634 (0xFF3DFDA) |
| YUV | 228.4100, -5.1321, 12.7954 |
| Hunter-Lab | 87.6881, 1.2893, 9.2047 |

Details

The Yxy color **76.8920, 0.3304, 0.3342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.5686, 0.2968, 0.3237**, and the grayscale version is **77.9360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2144, 0.3349, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **65.9031, 0.3512, 0.3396**, and if you desaturate by 10%, it is **89.2705, 0.3132, 0.3291**.

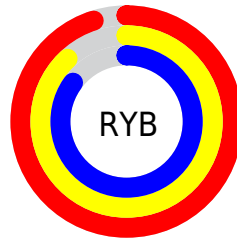
Distribution



Red (95%)

Green (87%)

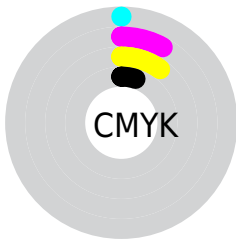
Blue (85%)



Red (95%)

Yellow (88%)

Blue (85%)

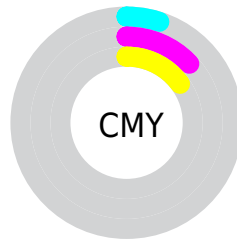


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8920, 0.3304, 0.3342 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 76.8920, 0.3304, 0.3342 by changing the saturation by 10% instead.


 76.8920, 0.3304,
0.3342

 76.8920, 0.3304,
0.3342


484.3957, 0.3223,
0.3319

 57.1642, 0.3323,
0.3347


128.9870, 0.3276,
0.3334

 41.1371, 0.3345,
0.3353


162.1231, 0.3265,
0.3331

 28.4262, 0.3374,
0.3361


200.4973, 0.3255,
0.3328

 18.6472, 0.3412,
0.3371

244.4942, 0.3247,
0.3326

 11.4156, 0.3463,
0.3384

294.4981, 0.3240,
0.3324

 6.3471, 0.3537,
0.3402

350.8934, 0.3233,

 3.0573, 0.3651,

0.3322

0.3428

414.0645, 0.3228,
0.3320

■ 1.1617, 0.3856,
0.3471

■ 0.0301, 0.8542,
0.1458

■ 76.8920, 0.3304,
0.3342

■ 76.8920, 0.3304,
0.3342

■ 65.9031, 0.3512,
0.3396

■ 89.2705, 0.3132,
0.3291

■ 56.2451, 0.3764,
0.3452

■ 97.8035, 0.3054,
0.3290

■ 47.8703, 0.4065,
0.3507

■ 40.7239, 0.4416,
0.3557

■ 34.7476, 0.4811,
0.3593

■ 29.8777, 0.5230,
0.3606

■ 26.0446, 0.5633,
0.3588

■ 23.1701, 0.5971,
0.3533

■ 21.2068, 0.6203,
0.3457

Harmonies

Analogous

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



76.8920, 0.3259, 0.3261



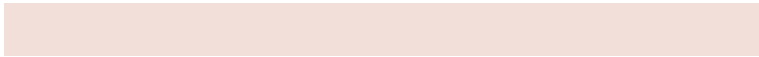
76.8920, 0.3304, 0.3342



76.8920, 0.3301, 0.3411

Triad

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



76.8920, 0.3304, 0.3342



76.8920, 0.3075, 0.3395



76.8920, 0.3004, 0.3135

Complementary

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



76.8920, 0.3304, 0.3342



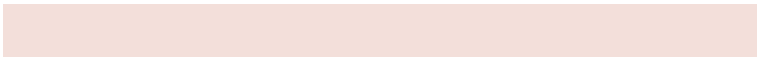
82.5686, 0.2968, 0.3237

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.



76.8920, 0.2956, 0.3168



76.8920, 0.3304, 0.3342



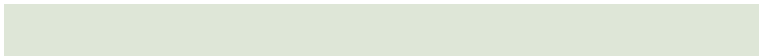
76.8920, 0.2997, 0.3318

Square

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



76.8920, 0.3304, 0.3342



76.8920, 0.3168, 0.3443



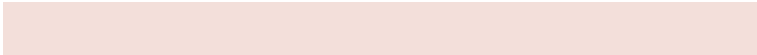
76.8920, 0.2954, 0.3234



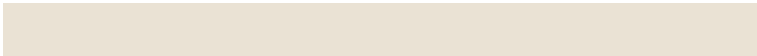
76.8920, 0.3084, 0.3143

Rectangle

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



76.8920, 0.3304, 0.3342



76.8920, 0.3272, 0.3440



76.8920, 0.2954, 0.3234



76.8920, 0.2983, 0.3141

Sweetspot

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



76.8954, 0.3304, 0.3342



95.6693, 0.3175, 0.3305



75.4097, 0.3170, 0.3082



20.2346, 0.3189, 0.3309



0.0000, 0.0000, 0.0000



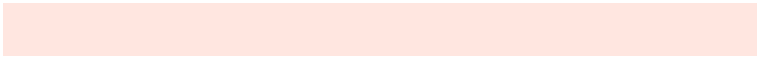
21.4041, 0.3127, 0.3290

Same Dimension

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



76.8954, 0.3304, 0.3342



83.5293, 0.3337, 0.3351



83.6109, 0.3290, 0.3465



17.0163, 0.3289, 0.3338



11.7833, 0.6179, 0.3476



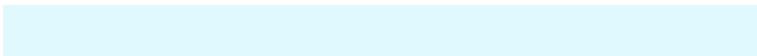
1.1741, 0.5951, 0.3657

Inverse Universe

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



82.5686, 0.2968, 0.3237



90.8281, 0.2941, 0.3228



75.7389, 0.2966, 0.3108



18.1648, 0.2980, 0.3242



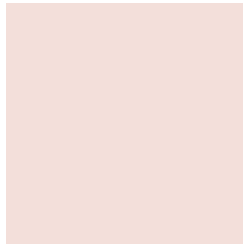
25.0823, 0.2066, 0.2638



2.3436, 0.2091, 0.2729

Previews

White Background



This preview shows how the Yxy color 76.8920, 0.3304, 0.3342 looks on a white background.

Color Contrast Check

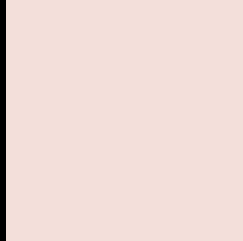
Large Text (above 18pt) WCAG AA × Fail

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 76.8920, 0.3304, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

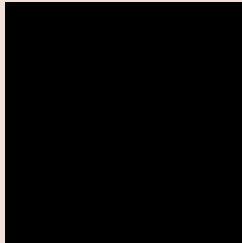
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

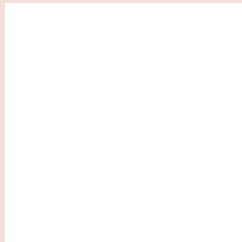
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8920, 0.3304, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 76.8920, 0.3304, 0.3342.

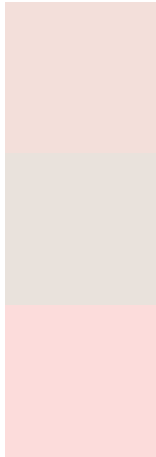


This preview shows how white text looks on a background with the Yxy color 76.8920, 0.3304, 0.3342.

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

76.8920, 0.3304, 0.3342

Protanopia

76.8837, 0.3215, 0.3353

Deuteranopia

76.9963, 0.3366, 0.3301



Tritanopia

76.8937, 0.3199, 0.3118

Trichromacy



Original Color

76.8920, 0.3304, 0.3342

Protanomaly

76.9694, 0.3251, 0.3353

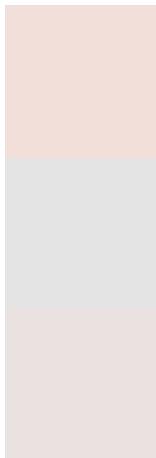
Deuteranomaly

76.9671, 0.3343, 0.3311

Tritanomaly

76.8386, 0.3238, 0.3199

Monochromacy



Original Color

76.8920, 0.3304, 0.3342

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0982, 0.3189, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8920, 0.3304, 0.3342 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(243, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 218)  
}
```

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(243, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 218) }
```

Border

The CSS property to change the border of an element to Yxy 76.8920, 0.3304, 0.3342 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(243, 223, 218) }
```

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

```
.border{ border-color:rgb(243, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 223, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 223, 218); box-shadow:4px 4px 4px 4px rgb(243, 223, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8920, 0.3304, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 218) }
```

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

```
.background{ background-color: rgb(243,  
223, 218) }
```

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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