

Converting Colors

$Y_{xy}(77.0785, 0.3324, 0.3372)$

Have a look what the booklet for
Yxy(77.0785, 0.3324, 0.3372)
contains.

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Color

Yxy(76.9663, 0.3325, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	F4DFD8
RGB	244, 223, 216
RGB Percent	96%, 87%, 85%
CMY	0.0430, 0.1255, 0.1530
CMYK	0.00, 0.09, 0.11, 0.04
HSL	15°, 56%, 90%
HSV	15°, 11%, 96%
XYZ	76.0966, 76.9663, 75.7991
YIQ	228.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

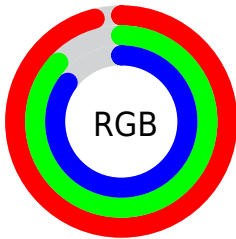
Format	Color
RYB	244, 225, 216
Decimal	16048088
CIELab	90.31, 6.06, 6.03
CIElCh	90, 8.552, 44.851
Yxy	76.9663, 0.3325, 0.3363
Android (android.graphics.Color)	4294238168 (0xFFFF4DFD8)
YUV	228.4810, -6.1531, 13.6102
Hunter-Lab	87.7304, 1.3011, 10.1847

Details

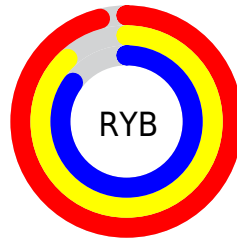
The Yxy color **76.9663, 0.3325, 0.3363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7091, 0.2949, 0.3216**, and the grayscale version is **77.9953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2698, 0.3376, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **66.5434, 0.3534, 0.3431**, and if you desaturate by 10%, it is **88.6405, 0.3151, 0.3299**.

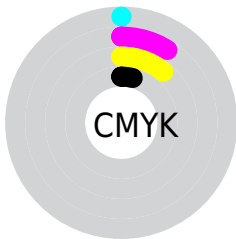
Distribution



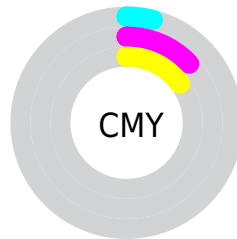
- Red (96%)
- Green (87%)
- Blue (85%)



- Red (96%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9663, 0.3325, 0.3363 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 76.9663, 0.3325, 0.3363 by changing the saturation by 10% instead.


 76.9663, 0.3325,
0.3363

 76.9663, 0.3325,
0.3363


484.6491, 0.3234,
0.3330

 57.2252, 0.3346,
0.3370


129.0919, 0.3293,
0.3352

 41.1861, 0.3371,
0.3379

162.2452, 0.3281,
0.3347

 28.4645, 0.3404,
0.3390


200.6381, 0.3271,
0.3344

 18.6761, 0.3446,
0.3404

244.6548, 0.3261,
0.3340

 11.4365, 0.3503,
0.3423

294.6799, 0.3253,
0.3337

 6.3612, 0.3585,
0.3448

351.0978, 0.3246,

 3.0659, 0.3713,

0.3335

0.3486

414.2927, 0.3240,
0.3332

■ 1.1663, 0.3948,
0.3553

■ 0.0339, 0.8417,
0.1583

■ 76.9663, 0.3325,
0.3363

■ 76.9663, 0.3325,
0.3363

■ 66.5434, 0.3534,
0.3431

■ 88.6405, 0.3151,
0.3299

■ 57.3198, 0.3784,
0.3501

■ 97.9787, 0.3060,
0.3290

■ 49.2550, 0.4079,
0.3570

■ 42.3022, 0.4420,
0.3631

■ 36.4113, 0.4798,
0.3677

■ 31.5282, 0.5196,
0.3695

■ 27.5939, 0.5577,
0.3675

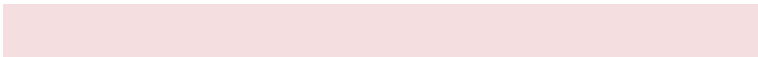
■ 24.5423, 0.5899,
0.3612

■ 22.5783, 0.6104,
0.3535

Harmonies

Analogous

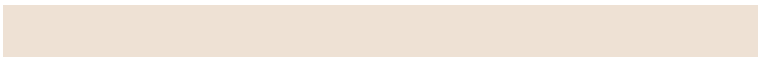
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9663, 0.3285, 0.3275



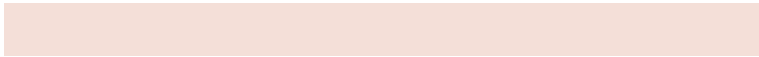
76.9663, 0.3325, 0.3363



76.9663, 0.3311, 0.3433

Triad

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



76.9663, 0.3325, 0.3363



76.9663, 0.3051, 0.3390



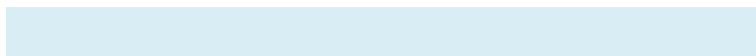
76.9663, 0.3006, 0.3118

Complementary

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



76.9663, 0.3325, 0.3363



81.7091, 0.2949, 0.3216

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.



76.9663, 0.2946, 0.3145



76.9663, 0.3325, 0.3363



76.9663, 0.2972, 0.3302

Square

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



76.9663, 0.3325, 0.3363



76.9663, 0.3152, 0.3451



76.9663, 0.2933, 0.3212



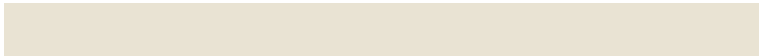
76.9663, 0.3100, 0.3136

Rectangle

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



76.9663, 0.3325, 0.3363



76.9663, 0.3273, 0.3460



76.9663, 0.2933, 0.3212



76.9663, 0.2982, 0.3122

Sweetspot

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



76.9697, 0.3325, 0.3363



95.9110, 0.3175, 0.3309



74.4579, 0.3188, 0.3076



20.2996, 0.3188, 0.3314



0.0000, 0.0000, 0.0000



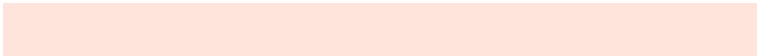
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9697, 0.3325, 0.3363



82.0019, 0.3375, 0.3380



84.7756, 0.3308, 0.3505



17.1557, 0.3287, 0.3350



12.4549, 0.6078, 0.3556



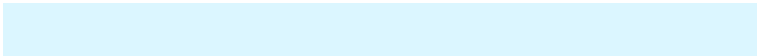
1.2514, 0.5837, 0.3748

Inverse Universe

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



81.7091, 0.2949, 0.3216



88.2828, 0.2910, 0.3198



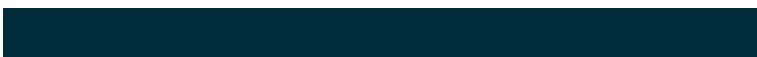
73.9033, 0.2947, 0.3066



18.0149, 0.2980, 0.3229



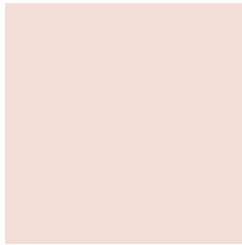
22.1920, 0.2016, 0.2459



2.1124, 0.2049, 0.2575

Previews

White Background



This preview shows how the Yxy color 76.9663, 0.3325, 0.3363 looks on a white background.

Color Contrast Check

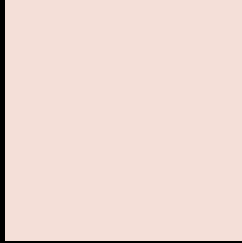
Large Text (above 18pt) WCAG AA × Fail

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 76.9663, 0.3325, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

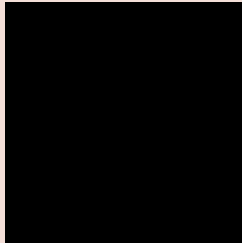
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

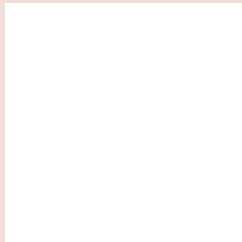
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9663, 0.3325, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 76.9663, 0.3325, 0.3363.

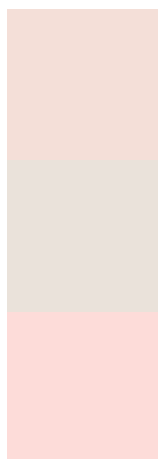


This preview shows how white text looks on a background with the Yxy color 76.9663, 0.3325, 0.3363.

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

76.9663, 0.3325, 0.3363

Protanopia

76.9471, 0.3236, 0.3375

Deuteranopia

77.0788, 0.3388, 0.3321



Tritanopia

77.0750, 0.3206, 0.3119

Trichromacy



Original Color

76.9663, 0.3325, 0.3363

Protanomaly

77.0373, 0.3272, 0.3374

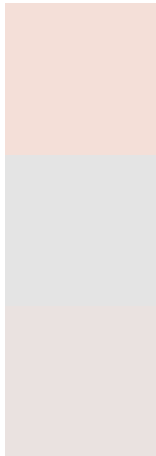
Deuteranomaly

77.0467, 0.3364, 0.3331

Tritanomaly

76.9629, 0.3252, 0.3209

Monochromacy



Original Color

76.9663, 0.3325, 0.3363

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.2670, 0.3196, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9663, 0.3325, 0.3363 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, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 216) }
```

Border

The CSS property to change the border of an element to Yxy 76.9663, 0.3325, 0.3363 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, 223, 216) }
```

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

```
.border{ border-color:rgb(244, 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(244, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9663, 0.3325, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 216) }
```

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

```
.background{ background-color: rgb(244,  
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](#).

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