

Converting Colors

$Yxy(75.7235, 0.3338, 0.3352)$

Have a look what the booklet for
Yxy(75.7235, 0.3338, 0.3352)
contains.

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Color

Yxy(75.8523, 0.3334, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	F4DDD7
RGB	244, 221, 215
RGB Percent	96%, 87%, 84%
CMY	0.0432, 0.1333, 0.1569
CMYK	0.00, 0.09, 0.12, 0.04
HSL	12°, 57%, 90%
HSV	12°, 12%, 96%
XYZ	75.4225, 75.8523, 74.9474
YIQ	227.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

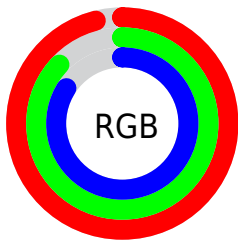
Format	Color
R_{YB}	244, 223, 215
Decimal	16047575
CIE _{Lab}	89.79, 6.91, 5.81
CIE _{LCh}	90, 9.027, 40.057
Yxy	75.8523, 0.3334, 0.3353
Android (android.graphics.Color)	4294237655 (0xFFF4DDD7)
YUV	227.1930, -6.0111, 14.7397
Hunter-Lab	87.0932, 2.1673, 9.9437

Details

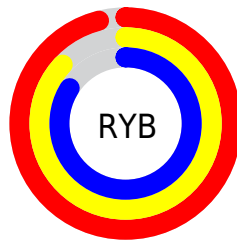
The Yxy color **75.8523, 0.3334, 0.3353** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0946, 0.2944, 0.3226**, and the grayscale version is **76.9993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5019, 0.3389, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **65.0685, 0.3548, 0.3410**, and if you desaturate by 10%, it is **88.0045, 0.3157, 0.3300**.

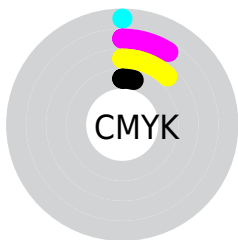
Distribution



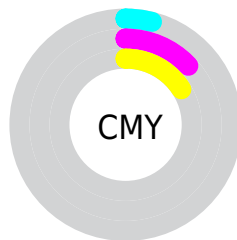
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8523, 0.3334, 0.3353 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 75.8523, 0.3334, 0.3353 by changing the saturation by 10% instead.


 75.8523, 0.3334,
0.3353

 75.8523, 0.3334,
0.3353


480.8419, 0.3239,
0.3325

 56.3114, 0.3356,
0.3359


127.5181, 0.3301,
0.3343

 40.4526, 0.3383,
0.3367


160.4118, 0.3288,
0.3340

 27.8916, 0.3417,
0.3376


198.5252, 0.3277,
0.3336

 18.2440, 0.3461,
0.3388

242.2427, 0.3267,
0.3334

 11.1253, 0.3522,
0.3404

291.9488, 0.3259,
0.3331

 6.1512, 0.3610,
0.3425

348.0277, 0.3251,

 2.9372, 0.3746,

0.3329

0.3456

410.8640, 0.3245,
0.3327

■ 1.0990, 0.4006,
0.3517

■ 0.0000, 1.0000,
0.0000

■ 75.8523, 0.3334,
0.3353

■ 75.8523, 0.3334,
0.3353

■ 65.0685, 0.3548,
0.3410

■ 88.0045, 0.3157,
0.3300

■ 55.5950, 0.3806,
0.3469

■ 97.9686, 0.3059,
0.3290

■ 47.3846, 0.4112,
0.3526

■ 40.3831, 0.4468,
0.3576

■ 34.5326, 0.4866,
0.3611

■ 29.7701, 0.5281,
0.3621

■ 26.0265, 0.5676,
0.3597

■ 23.2238, 0.5998,
0.3536

■ 21.5725, 0.6187,
0.3469

Harmonies

Analogous

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



75.8523, 0.3283, 0.3259



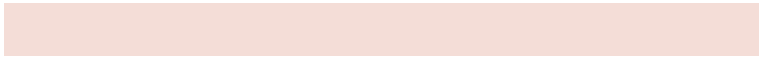
75.8523, 0.3334, 0.3353



75.8523, 0.3329, 0.3432

Triad

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



75.8523, 0.3334, 0.3353



75.8523, 0.3063, 0.3409



75.8523, 0.2986, 0.3109

Complementary

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



75.8523, 0.3334, 0.3353



82.0946, 0.2944, 0.3226

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.



75.8523, 0.2929, 0.3145



75.8523, 0.3334, 0.3353



75.8523, 0.2973, 0.3319

Square

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



75.8523, 0.3334, 0.3353



75.8523, 0.3171, 0.3467



75.8523, 0.2925, 0.3222



75.8523, 0.3081, 0.3121

Rectangle

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



75.8523, 0.3334, 0.3353



75.8523, 0.3294, 0.3466



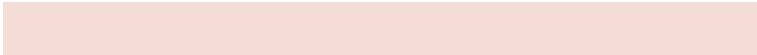
75.8523, 0.2925, 0.3222



75.8523, 0.2962, 0.3116

Sweetspot

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



75.8557, 0.3334, 0.3353



94.3134, 0.3192, 0.3311



74.0075, 0.3180, 0.3054



19.9640, 0.3205, 0.3315



0.0000, 0.0000, 0.0000



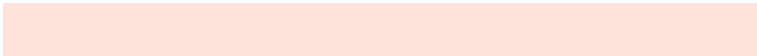
21.4041, 0.3127, 0.3290

Same Dimension

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



75.8557, 0.3334, 0.3353



81.1768, 0.3377, 0.3365



83.7111, 0.3316, 0.3498



17.0406, 0.3288, 0.3340



11.8896, 0.6163, 0.3489



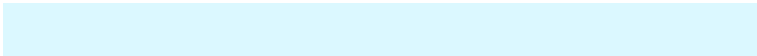
1.1868, 0.5931, 0.3672

Inverse Universe

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



82.0946, 0.2944, 0.3226



89.2019, 0.2911, 0.3214



74.1177, 0.2941, 0.3073



18.1385, 0.2980, 0.3240



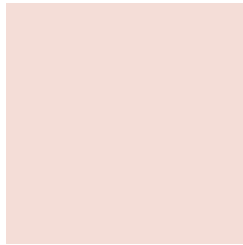
24.5581, 0.2058, 0.2607



2.3019, 0.2084, 0.2702

Previews

White Background



This preview shows how the Yxy color 75.8523, 0.3334, 0.3353 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 75.8523, 0.3334, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

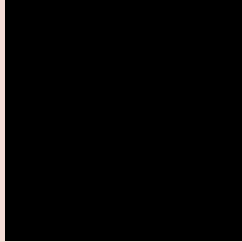
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

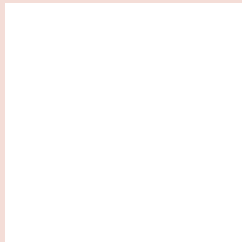
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8523, 0.3334, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 75.8523, 0.3334, 0.3353.

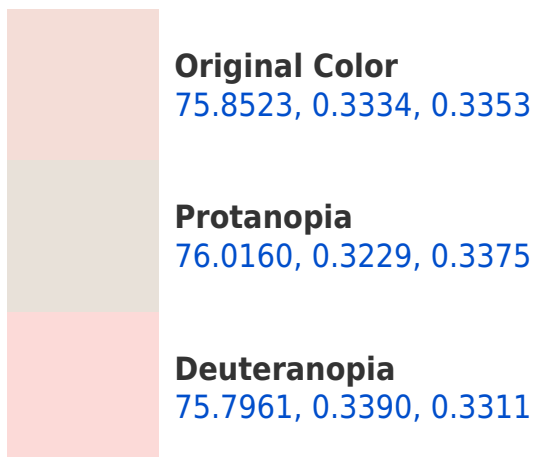


This preview shows how white text looks on a background with the Yxy color 75.8523, 0.3334, 0.3353.

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





Tritanopia

75.9151, 0.3221, 0.3118

Trichromacy



Original Color

75.8523, 0.3334, 0.3353

Protanomaly

76.1020, 0.3265, 0.3375

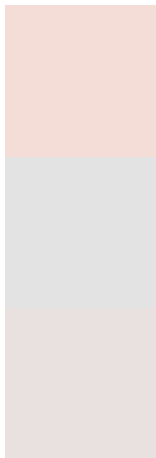
Deuteranomaly

75.7606, 0.3367, 0.3321

Tritanomaly

75.8573, 0.3261, 0.3199

Monochromacy



Original Color

75.8523, 0.3334, 0.3353

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5018, 0.3196, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8523, 0.3334, 0.3353 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, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 215)  
}
```

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, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 215) }
```

Border

The CSS property to change the border of an element to Yxy 75.8523, 0.3334, 0.3353 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, 221, 215) }
```

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

```
.border{ border-color:rgb(244, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
215) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.8523, 0.3334, 0.3353$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 221, 215) }
```

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

```
.background{ background-color: rgb(244,  
221, 215) }
```

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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