

Converting Colors

$Yxy(75.6362, 0.3464, 0.3585)$

Have a look what the booklet for
Yxy(75.6362, 0.3464, 0.3585)
contains.

Yxy(75.7702, 0.3463, 0.3585)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.7702, 0.3463, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	F3DFC3
RGB	243, 223, 195
RGB Percent	95%, 87%, 76%
CMY	0.0472, 0.1254, 0.2353
CMYK	0.00, 0.08, 0.20, 0.05
HSL	35°, 67%, 86%
HSV	35°, 20%, 95%
XYZ	73.1917, 75.7702, 62.3915
YIQ	225.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

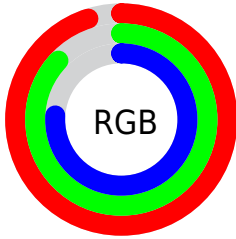
Format	Color
R _Y B	229, 243, 195
Decimal	15982531
CIE Lab	89.75, 2.46, 16.21
CIE LCh	90, 16.399, 81.357
Yxy	75.7702, 0.3463, 0.3585
Android (android.graphics.Color)	4294172611 (0xFFFF3DFC3)
YUV	225.7880, -15.1785, 15.0949
Hunter-Lab	87.0461, -2.2410, 18.4353

Details

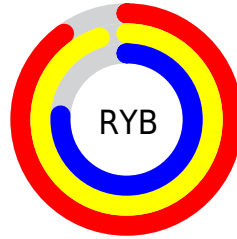
The Yxy color **75.7702, 0.3463, 0.3585** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.6439, 0.2812, 0.2976**, and the grayscale version is **75.9919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **40.3675, 0.3539, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **69.5223, 0.3663, 0.3742**, and if you desaturate by 10%, it is **82.5261, 0.3283, 0.3432**.

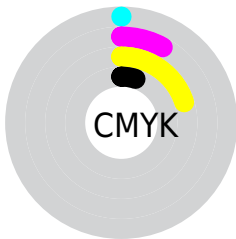
Distribution



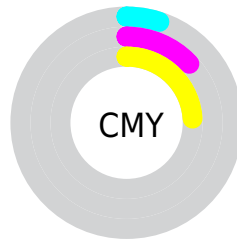
- Red (95%)
- Green (87%)
- Blue (76%)



- Red (90%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7702, 0.3463, 0.3585 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 75.7702, 0.3463, 0.3585 by changing the saturation by 10% instead.


 75.7702, 0.3463,
0.3585

 75.7702, 0.3463,
0.3585


480.5607, 0.3308,
0.3450

 56.2441, 0.3498,
0.3615


127.4020, 0.3410,
0.3539

 40.3987, 0.3541,
0.3652


160.2765, 0.3389,
0.3521

 27.8495, 0.3596,
0.3699


198.3693, 0.3371,
0.3505

 18.2122, 0.3666,
0.3758

242.0647, 0.3355,
0.3491

 11.1025, 0.3761,
0.3838

291.7471, 0.3341,
0.3479

 6.1358, 0.3895,
0.3949

347.8010, 0.3329,

 2.9278, 0.4098,

0.3469

0.4111

410.6107, 0.3318,
0.3459

■ 1.0942, 0.4943,
0.4869

■ 0.0000, 1.0000,
0.0000

■ 75.7702, 0.3463,
0.3585

■ 75.7702, 0.3463,
0.3585

■ 69.5223, 0.3663,
0.3742

■ 82.5261, 0.3283,
0.3432

■ 63.7578, 0.3881,
0.3898

■ 89.7931, 0.3123,
0.3286

■ 58.4653, 0.4115,
0.4045

■ 96.7298, 0.3054,
0.3274

■ 53.6284, 0.4357,
0.4172

■ 97.7895, 0.3053,
0.3290

■ 49.2298, 0.4596,
0.4268

■ 45.2501, 0.4821,
0.4320

■ 41.6673, 0.5017,
0.4319

■ 38.4494, 0.5179,
0.4268

■ 38.3718, 0.5183,
0.4267

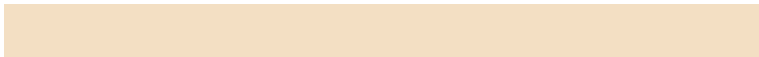
Harmonies

Analogous

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



75.7702, 0.3514, 0.3459



75.7702, 0.3463, 0.3585



75.7702, 0.3321, 0.3635

Triad

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



75.7702, 0.3463, 0.3585



75.7702, 0.2807, 0.3271



75.7702, 0.3115, 0.3016

Complementary

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



75.7702, 0.3463, 0.3585



66.6439, 0.2812, 0.2976

Split Complementary

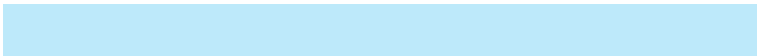
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7702, 0.2929, 0.2964



75.7702, 0.3463, 0.3585



75.7702, 0.2755, 0.3103

Square

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



75.7702, 0.3463, 0.3585



75.7702, 0.2942, 0.3451



75.7702, 0.2799, 0.2993



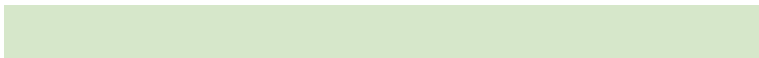
75.7702, 0.3310, 0.3136

Rectangle

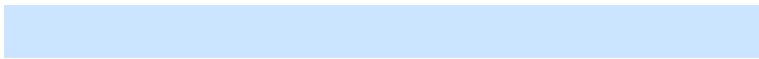
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7702, 0.3463, 0.3585



75.7702, 0.3196, 0.3614



75.7702, 0.2799, 0.2993



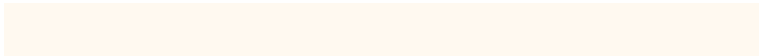
75.7702, 0.3049, 0.2990

Sweetspot

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



75.7736, 0.3463, 0.3585



95.0605, 0.3221, 0.3377



62.9816, 0.3360, 0.3079



20.2345, 0.3232, 0.3386



0.0000, 0.0000, 0.0000



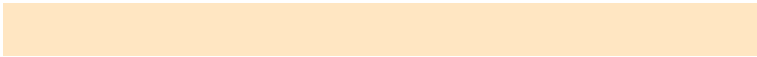
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7736, 0.3463, 0.3585



81.4880, 0.3547, 0.3653



86.3695, 0.3397, 0.3787



18.0909, 0.3279, 0.3428



21.3379, 0.5163, 0.4282



2.0780, 0.5008, 0.4405

Inverse Universe

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



66.6439, 0.2812, 0.2976



69.4579, 0.2739, 0.2898



57.6368, 0.2826, 0.2749



17.0590, 0.2980, 0.3148



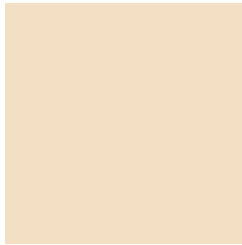
8.9181, 0.1697, 0.1309



0.9817, 0.1765, 0.1554

Previews

White Background



This preview shows how the Yxy color 75.7702, 0.3463, 0.3585 looks on a white background.

Color Contrast Check

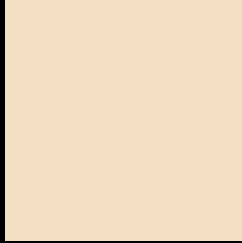
Large Text (above 18pt) WCAG AA × Fail

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 75.7702, 0.3463, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

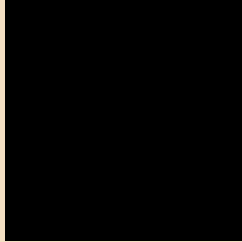
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7702, 0.3463, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 75.7702, 0.3463, 0.3585.



This preview shows how white text looks on a background with the Yxy color 75.7702, 0.3463, 0.3585.

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

75.7702, 0.3463, 0.3585

Protanopia

75.8405, 0.3408, 0.3599

Deuteranopia

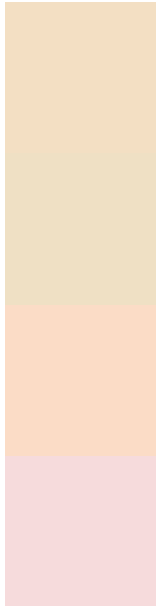
75.5263, 0.3535, 0.3485



Tritanopia

75.5227, 0.3236, 0.3118

Trichromacy



Original Color

75.7702, 0.3463, 0.3585

Protanomaly

75.6476, 0.3424, 0.3587

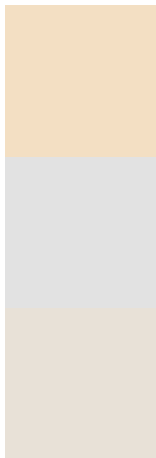
Deuteranomaly

75.7728, 0.3508, 0.3518

Tritanomaly

75.4232, 0.3317, 0.3280

Monochromacy



Original Color

75.7702, 0.3463, 0.3585

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9125, 0.3242, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7702, 0.3463, 0.3585 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 195) }
```

Border

The CSS property to change the border of an element to Yxy 75.7702, 0.3463, 0.3585 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, 195) }
```

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

```
.border{ border-color:rgb(243, 223, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 223, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 223, 195); box-shadow:4px 4px 4px 4px rgb(243, 223, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7702, 0.3463, 0.3585 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, 195) }
```

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

```
.background{ background-color: rgb(243,  
223, 195) }
```

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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