

Converting Colors

$Yxy(75.4843, 0.3383, 0.3513)$

Have a look what the booklet for
Yxy(75.4843, 0.3383, 0.3513)
contains.

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Color

Yxy(75.3903, 0.3385, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	EFD FCA
RGB	239, 223, 202
RGB Percent	94%, 87%, 79%
CMY	0.0625, 0.1256, 0.2078
CMYK	0.00, 0.07, 0.15, 0.06
HSL	34°, 54%, 86%
HSV	34°, 15%, 94%
XYZ	72.6641, 75.3903, 66.6105
YIQ	225.3900, 16.2770, -3.1390

Conversions

Conversions Part 2

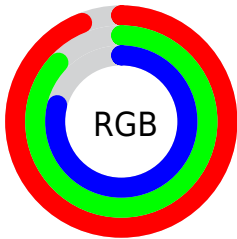
Format	Color
R _Y B	230, 239, 202
Decimal	15720394
CIE Lab	89.58, 2.12, 12.25
CIE LCh	90, 12.428, 80.161
Yxy	75.3903, 0.3385, 0.3512
Android (android.graphics.Color)	4293910474 (0xFFEFD _F CA)
YUV	225.3900, -11.5313, 11.9360
Hunter-Lab	86.8276, -2.5656, 15.2945

Details

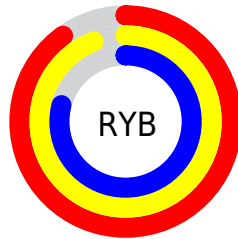
The Yxy color **75.3903, 0.3385, 0.3512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9947, 0.2883, 0.3058**, and the grayscale version is **75.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2107, 0.3446, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **68.9694, 0.3578, 0.3663**, and if you desaturate by 10%, it is **82.3335, 0.3213, 0.3367**.

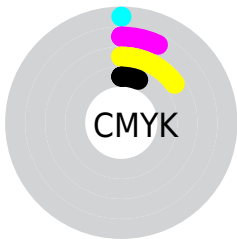
Distribution



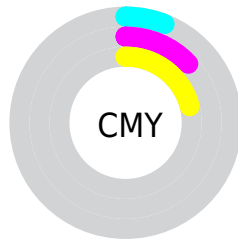
- Red (94%)
- Green (87%)
- Blue (79%)



- Red (90%)
- Yellow (94%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3903, 0.3385, 0.3512 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 75.3903, 0.3385, 0.3512 by changing the saturation by 10% instead.

 75.3903, 0.3385,
0.3512

 75.3903, 0.3385,
0.3512

479.2580, 0.3266,
0.3410

 55.9327, 0.3412,
0.3535


126.8647, 0.3344,
0.3477

 40.1490, 0.3445,
0.3563


159.6503, 0.3328,
0.3463

 27.6547, 0.3488,
0.3598


197.6473, 0.3314,
0.3452

 18.0655, 0.3542,
0.3644

241.2402, 0.3302,
0.3441

 10.9970, 0.3617,
0.3706

290.8133, 0.3291,
0.3432

 6.0649, 0.3723,
0.3793

346.7510, 0.3282,

 2.8846, 0.3886,

0.3424

0.3923

409.4378, 0.3274,
0.3417

■ 1.0718, 0.4405,
0.4377

■ 0.0000, 1.0000,
0.0000

■ 75.3903, 0.3385,
0.3512

■ 75.3903, 0.3385,
0.3512

■ 68.9694, 0.3578,
0.3663

■ 82.3335, 0.3213,
0.3367

■ 63.0467, 0.3791,
0.3816

■ 89.8023, 0.3061,
0.3229

■ 57.6106, 0.4023,
0.3963

■ 96.5464, 0.3030,
0.3281

■ 52.6452, 0.4269,
0.4096

■ 97.1029, 0.3030,
0.3290

■ 48.1336, 0.4518,
0.4203

■ 44.0570, 0.4759,
0.4271

■ 40.3947, 0.4978,
0.4290

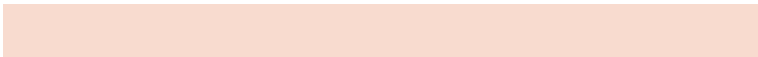
■ 37.1224, 0.5162,
0.4254

■ 35.7625, 0.5236,
0.4225

Harmonies

Analogous

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



75.3903, 0.3420, 0.3416



75.3903, 0.3385, 0.3512



75.3903, 0.3280, 0.3551

Triad

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



75.3903, 0.3385, 0.3512



75.3903, 0.2886, 0.3282



75.3903, 0.3113, 0.3077

Complementary

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



75.3903, 0.3385, 0.3512



68.9947, 0.2883, 0.3058

Split Complementary

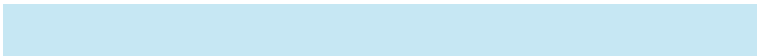
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3903, 0.2972, 0.3040



75.3903, 0.3385, 0.3512



75.3903, 0.2843, 0.3154

Square

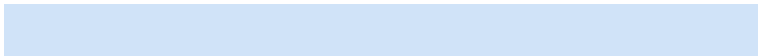
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3903, 0.3385, 0.3512



75.3903, 0.2992, 0.3417



75.3903, 0.2874, 0.3067



75.3903, 0.3261, 0.3168

Rectangle

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



75.3903, 0.3385, 0.3512



75.3903, 0.3186, 0.3536



75.3903, 0.2874, 0.3067



75.3903, 0.3063, 0.3058

Sweetspot

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



75.3937, 0.3385, 0.3512



95.7241, 0.3205, 0.3360



65.7117, 0.3293, 0.3114



20.3629, 0.3217, 0.3370



0.0000, 0.0000, 0.0000



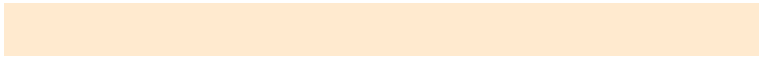
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3937, 0.3385, 0.3512



84.5665, 0.3451, 0.3566



84.0813, 0.3347, 0.3676



17.2430, 0.3279, 0.3424



20.0162, 0.5215, 0.4241



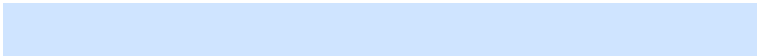
1.8627, 0.5043, 0.4378

Inverse Universe

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



68.9947, 0.2883, 0.3058



75.6816, 0.2824, 0.2998



61.3060, 0.2889, 0.2876



16.3579, 0.2980, 0.3153



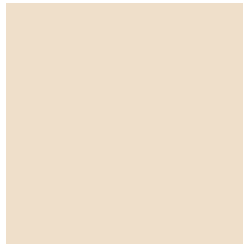
9.1413, 0.1713, 0.1367



0.9547, 0.1784, 0.1621

Previews

White Background



This preview shows how the Yxy color 75.3903, 0.3385, 0.3512 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 75.3903, 0.3385, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

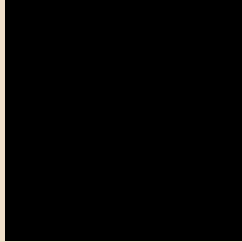
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3903, 0.3385, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 75.3903, 0.3385, 0.3512.

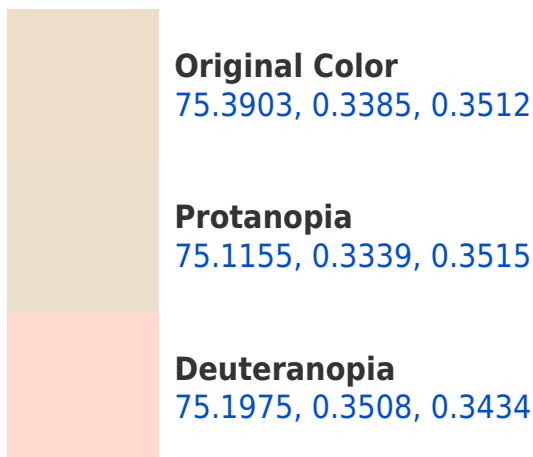


This preview shows how white text looks on a background with the Yxy color 75.3903, 0.3385, 0.3512.

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

75.1957, 0.3193, 0.3117

Trichromacy



Original Color

75.3903, 0.3385, 0.3512

Protanomaly

75.4560, 0.3354, 0.3514

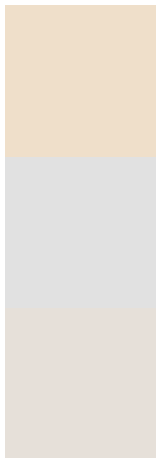
Deuteranomaly

75.1146, 0.3459, 0.3456

Tritanomaly

75.3914, 0.3265, 0.3259

Monochromacy



Original Color

75.3903, 0.3385, 0.3512

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1441, 0.3216, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3903, 0.3385, 0.3512 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(239, 223, 202)` looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 202)  
}
```

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(239, 223, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.3903, 0.3385, 0.3512 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(239, 223, 202) }
```

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

```
.border{ border-color:rgb(239, 223, 202) }
```

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

Here you see how a box with a 4 pixel rgb(239, 223, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 202);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3903, 0.3385, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 202) }
```

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

```
.background{ background-color: rgb(239,  
223, 202) }
```

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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