

Converting Colors

$Y_{xy}(75.4411, 0.3520, 0.3732)$

Have a look what the booklet for
Yxy(75.4411, 0.3520, 0.3732)
contains.

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Color

Yxy(75.2555, 0.3522, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	F0E0B7
RGB	240, 224, 183
RGB Percent	94%, 88%, 72%
CMY	0.0589, 0.1215, 0.2823
CMYK	0.00, 0.07, 0.24, 0.06
HSL	43°, 65%, 83%
HSV	43°, 24%, 94%
XYZ	71.1352, 75.2555, 55.5832
YIQ	224.1100, 22.6970, -9.3590

Conversions

Conversions Part 2

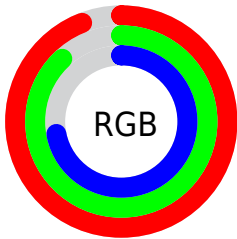
Format	Color
R _Y B	205, 240, 183
Decimal	15786167
CIE Lab	89.51, -0.83, 22.08
CIE LCh	90, 22.092, 92.164
Yxy	75.2555, 0.3522, 0.3726
Android (android.graphics.Color)	4293976247 (0xFFFF0E0B7)
YUV	224.1100, -20.2672, 13.9355
Hunter-Lab	86.7499, -5.4418, 22.7361

Details

The Yxy color **75.2555, 0.3522, 0.3726** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.2014, 0.2737, 0.2812**, and the grayscale version is **74.7609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **40.0549, 0.3606, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **70.7970, 0.3710, 0.3916**, and if you desaturate by 10%, it is **80.0343, 0.3346, 0.3538**.

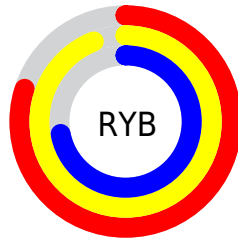
Distribution



Red (94%)

Green (88%)

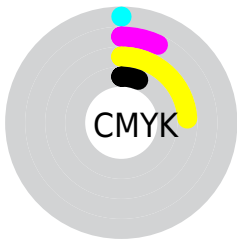
Blue (72%)



Red (80%)

Yellow (94%)

Blue (72%)

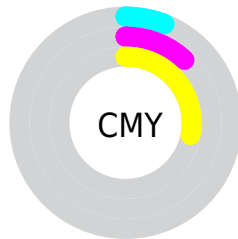


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (6%)



Cyan (6%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2555, 0.3522, 0.3726 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 75.2555, 0.3522, 0.3726 by changing the saturation by 10% instead.

 75.2555, 0.3522,
0.3726

 75.2555, 0.3522,
0.3726


478.7953, 0.3341,
0.3526

 55.8222, 0.3563,
0.3771


 126.6740, 0.3460,
0.3657

 40.0604, 0.3612,
0.3827


159.4280, 0.3435,
0.3630

 27.5857, 0.3675,
0.3896


197.3910, 0.3414,
0.3607

 18.0136, 0.3755,
0.3985

240.9474, 0.3396,
0.3586

 10.9597, 0.3860,
0.4104

290.4817, 0.3380,
0.3568

 6.0398, 0.4006,
0.4269

346.3781, 0.3366,

 2.8693, 0.4218,

0.3553

0.4511

409.0212, 0.3353,
0.3538

1.0639, 0.4816,
0.5184

0.0000, 0.0000,
0.0000

75.2555, 0.3522,
0.3726

75.2555, 0.3522,
0.3726

70.7970, 0.3710,
0.3916

80.0343, 0.3346,
0.3538

66.6384, 0.3905,
0.4099

85.1330, 0.3184,
0.3356

62.7720, 0.4103,
0.4267

90.5632, 0.3037,
0.3183

59.1858, 0.4294,
0.4409

94.6916, 0.3036,
0.3250

■ 55.8664, 0.4470,
0.4514

■ 97.2626, 0.3035,
0.3290

■ 52.7985, 0.4622,
0.4573

■ 49.9640, 0.4743,
0.4582

■ 48.2917, 0.4805,
0.4567

Harmonies

Analogous

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



75.2555, 0.3643, 0.3583



75.2555, 0.3522, 0.3726



75.2555, 0.3297, 0.3752

Triad

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



75.2555, 0.3522, 0.3726



75.2555, 0.2659, 0.3173



75.2555, 0.3206, 0.2973

Complementary

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



75.2555, 0.3522, 0.3726



57.2014, 0.2737, 0.2812

Split Complementary

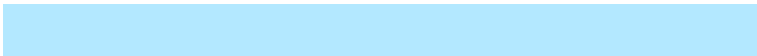
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2555, 0.2943, 0.2868



75.2555, 0.3522, 0.3726



75.2555, 0.2636, 0.2971

Square

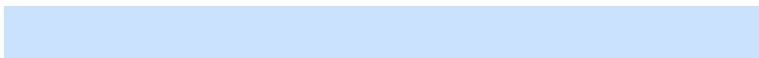
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2555, 0.3522, 0.3726



75.2555, 0.2801, 0.3422



75.2555, 0.2738, 0.2865



75.2555, 0.3457, 0.3155

Rectangle

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



75.2555, 0.3522, 0.3726



75.2555, 0.3121, 0.3692



75.2555, 0.2738, 0.2865



75.2555, 0.3116, 0.2928

Sweetspot

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



75.2589, 0.3522, 0.3726



95.7512, 0.3236, 0.3415



56.5264, 0.3483, 0.3116



20.4181, 0.3245, 0.3426



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.



75.2589, 0.3522, 0.3726



84.1086, 0.3602, 0.3809



82.1662, 0.3398, 0.3901



17.6661, 0.3275, 0.3459



26.6755, 0.4793, 0.4576



2.3862, 0.4696, 0.4654

Inverse Universe

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



57.2014, 0.2737, 0.2812



60.3668, 0.2659, 0.2710



51.8133, 0.2811, 0.2636



15.9503, 0.2980, 0.3115



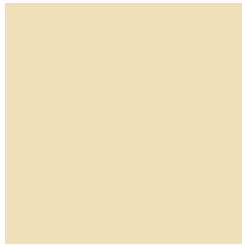
5.8540, 0.1598, 0.0953



0.6492, 0.1669, 0.1207

Previews

White Background



This preview shows how the Yxy color 75.2555, 0.3522, 0.3726 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 75.2555, 0.3522, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

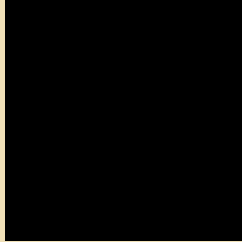
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

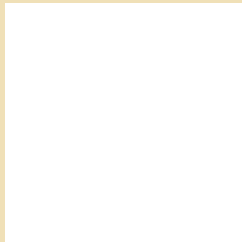
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2555, 0.3522, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 75.2555, 0.3522, 0.3726.

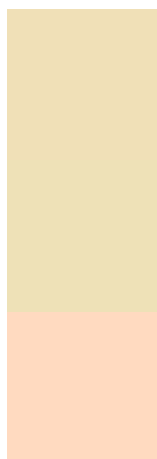


This preview shows how white text looks on a background with the Yxy color 75.2555, 0.3522, 0.3726.

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

75.2555, 0.3522, 0.3726

Protanopia

75.4465, 0.3505, 0.3738

Deuteranopia

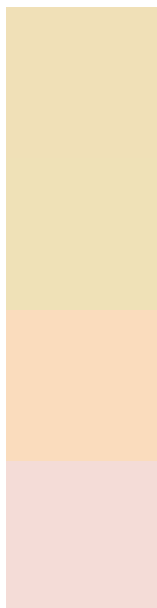
75.2086, 0.3586, 0.3557



Tritanopia

75.1591, 0.3222, 0.3118

Trichromacy



Original Color

75.2555, 0.3522, 0.3726

Protanomaly

75.6200, 0.3512, 0.3737

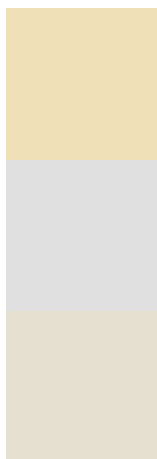
Deuteranomaly

75.1845, 0.3565, 0.3612

Tritanomaly

75.3258, 0.3335, 0.3342

Monochromacy



Original Color

75.2555, 0.3522, 0.3726

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7378, 0.3269, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2555, 0.3522, 0.3726 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(240, 224, 183)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 183)  
}
```

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(240, 224, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 183) }
```

Border

The CSS property to change the border of an element to Yxy 75.2555, 0.3522, 0.3726 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(240, 224, 183) }
```

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

```
.border{ border-color:rgb(240, 224, 183) }
```

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

Here you see how a box with a 4 pixel rgb(240, 224, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 183);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2555, 0.3522, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 183) }
```

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

```
.background{ background-color: rgb(240,  
224, 183) }
```

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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