

Converting Colors

$Yxy(55.5841, 0.3729, 0.3685)$

Have a look what the booklet for
Yxy(55.5841, 0.3729, 0.3685)
contains.

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Color

Yxy(55.7212, 0.3727, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	E4BE9C
RGB	228, 190, 156
RGB Percent	89%, 75%, 61%
CMY	0.1057, 0.2549, 0.3882
CMYK	0.00, 0.17, 0.32, 0.11
HSL	28°, 57%, 75%
HSV	28°, 32%, 89%
XYZ	56.4175, 55.7212, 39.2364
YIQ	197.4860, 33.5620, -2.5180

Conversions

Conversions Part 2

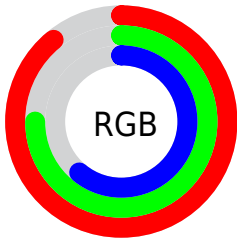
Format	Color
R _Y B	228, 220, 156
Decimal	14991004
CIE Lab	79.45, 8.76, 22.26
CIE LCh	79, 23.918, 68.510
Yxy	55.7212, 0.3727, 0.3681
Android (android.graphics.Color)	4293181084 (0xFFE4BE9C)
YUV	197.4860, -20.4526, 26.7608
Hunter-Lab	74.6466, 4.2777, 21.0881

Details

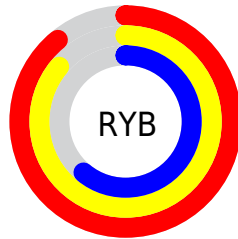
The Yxy color **55.7212, 0.3727, 0.3681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2771, 0.2625, 0.2862**, and the grayscale version is **56.2583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8747, 0.3402, 0.3636**, and **27.5692, 0.3872, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **50.0191, 0.3971, 0.3808**, and if you desaturate by 10%, it is **62.0047, 0.3509, 0.3552**.

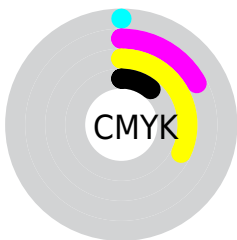
Distribution



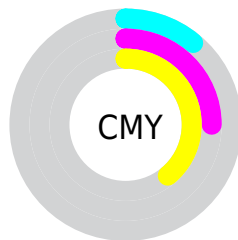
- Red (89%)
- Green (75%)
- Blue (61%)



- Red (89%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7212, 0.3727, 0.3681 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 55.7212, 0.3727, 0.3681 by changing the saturation by 10% instead.


 55.7212, 0.3727,
0.3681


 55.7212, 0.3727,
0.3681


408.6400, 0.3435,
0.3498

 39.9794, 0.3797,
0.3723


 98.5968, 0.3623,
0.3617

 27.5225, 0.3885,
0.3774


 126.4995, 0.3583,
0.3593

 17.9660, 0.3999,
0.3839


159.2245, 0.3549,
0.3571

 10.9256, 0.4151,
0.3921

197.1564, 0.3520,
0.3553

 6.0168, 0.4364,
0.4027

240.6795, 0.3495,
0.3536

 2.8553, 0.4681,
0.4167

290.1782, 0.3472,

 1.0567, 0.5448,

0.3522

0.4552

346.0369, 0.3453,
0.3509

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7212, 0.3727,
0.3681

55.7212, 0.3727,
0.3681

50.0191, 0.3971,
0.3808

62.0047, 0.3509,
0.3552

44.8720, 0.4240,
0.3926

68.8793, 0.3318,
0.3427

40.2629, 0.4525,
0.4023

76.3642, 0.3151,
0.3308

36.1705, 0.4815,
0.4088

84.4754, 0.3007,
0.3197

■ 32.5718, 0.5092,
0.4108

■ 92.2223, 0.2963,
0.3242

■ 29.4406, 0.5336,
0.4073

■ 95.2396, 0.2964,
0.3290

■ 27.1398, 0.5510,
0.4007

Harmonies

Analogous

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



55.7212, 0.3738, 0.3442



55.7212, 0.3727, 0.3681



55.7212, 0.3549, 0.3832

Triad

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



55.7212, 0.3727, 0.3681



55.7212, 0.2692, 0.3383



55.7212, 0.2969, 0.2808

Complementary

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



55.7212, 0.3727, 0.3681



51.2771, 0.2625, 0.2862

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.



55.7212, 0.2706, 0.2775



55.7212, 0.3727, 0.3681



55.7212, 0.2552, 0.3088

Square

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



55.7212, 0.3727, 0.3681



55.7212, 0.2948, 0.3665



55.7212, 0.2557, 0.2870



55.7212, 0.3288, 0.2954

Rectangle

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



55.7212, 0.3727, 0.3681



55.7212, 0.3365, 0.3852



55.7212, 0.2557, 0.2870



55.7212, 0.2871, 0.2783

Sweetspot

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



55.7238, 0.3727, 0.3681



91.1177, 0.3274, 0.3396



44.1928, 0.3466, 0.2854



19.2087, 0.3299, 0.3414



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.



55.7238, 0.3727, 0.3681



66.8331, 0.3887, 0.3766



73.0937, 0.3610, 0.4053



15.4838, 0.3281, 0.3401



15.8997, 0.5486, 0.4026



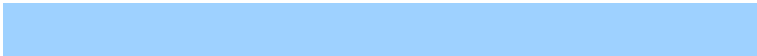
1.3597, 0.5248, 0.4215

Inverse Universe

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



51.2771, 0.2625, 0.2862



60.2369, 0.2518, 0.2755



37.2649, 0.2569, 0.2392



15.1409, 0.2981, 0.3176



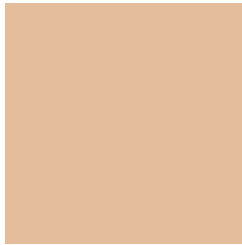
11.2891, 0.1799, 0.1677



1.0200, 0.1870, 0.1930

Previews

White Background



This preview shows how the Yxy color 55.7212, 0.3727, 0.3681 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 55.7212, 0.3727, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

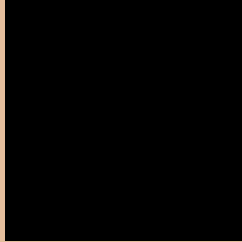
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7212, 0.3727, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 55.7212, 0.3727, 0.3681.



This preview shows how white text looks on a background with the Yxy color 55.7212, 0.3727, 0.3681.

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

55.7212, 0.3727, 0.3681

Protanopia

55.9910, 0.3516, 0.3749

Deuteranopia

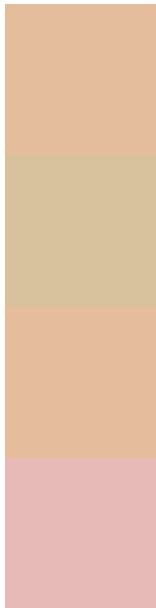
55.6185, 0.3748, 0.3668



Tritanopia

55.6818, 0.3432, 0.3136

Trichromacy



Original Color

55.7212, 0.3727, 0.3681

Protanomaly

55.6511, 0.3593, 0.3718

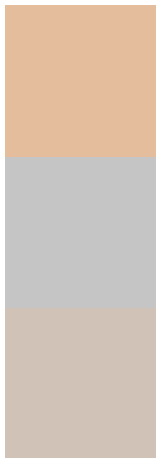
Deuteranomaly

55.4535, 0.3739, 0.3669

Tritanomaly

55.5256, 0.3537, 0.3325

Monochromacy



Original Color

55.7212, 0.3727, 0.3681

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3709, 0.3334, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7212, 0.3727, 0.3681 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(228, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 156)  
}
```

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(228, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 156) }
```

Border

The CSS property to change the border of an element to Yxy 55.7212, 0.3727, 0.3681 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(228, 190, 156) }
```

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

```
.border{ border-color:rgb(228, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(228, 190,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7212, 0.3727, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 190, 156) }
```

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

```
.background{ background-color: rgb(228,  
190, 156) }
```

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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