

Converting Colors

$Yxy(55.2476, 0.3703, 0.3699)$

Have a look what the booklet for
Yxy(55.2476, 0.3703, 0.3699)
contains.

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Color

Yxy(55.2010, 0.3709, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	E1BE9B
RGB	225, 190, 155
RGB Percent	88%, 75%, 61%
CMY	0.1176, 0.2549, 0.3923
CMYK	0.00, 0.16, 0.31, 0.12
HSL	30°, 54%, 75%
HSV	30°, 31%, 88%
XYZ	55.3802, 55.2010, 38.7318
YIQ	196.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

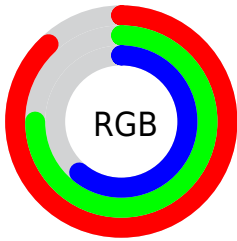
Format	Color
R_{YB}	225, 225, 155
Decimal	14794395
CIE Lab	79.16, 7.46, 22.35
CIE LCh	79, 23.564, 71.556
Yxy	55.2010, 0.3709, 0.3697
Android (android.graphics.Color)	4292984475 (0xFFE1BE9B)
YUV	196.4750, -20.4472, 25.0164
Hunter-Lab	74.2974, 3.0309, 21.0998

Details

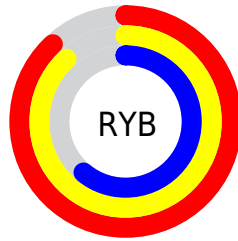
The Yxy color $55.2010, 0.3709, 0.3697$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $49.2149, 0.2630, 0.2844$, and the grayscale version is $55.6132, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.8247, 0.3408, 0.3646$, and $27.3258, 0.3860, 0.3793$ is the 20% darker color. If you saturate the color by 10%, you get $49.8322, 0.3946, 0.3831$, and if you desaturate by 10%, it is $61.0916, 0.3497, 0.3561$.

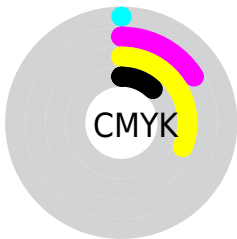
Distribution



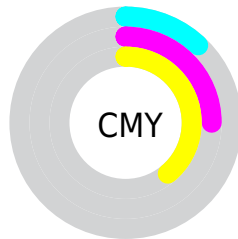
- Red (88%)
- Green (75%)
- Blue (61%)



- Red (88%)
- Yellow (88%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2010, 0.3709, 0.3697 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 55.2010, 0.3709, 0.3697 by changing the saturation by 10% instead.


 55.2010, 0.3709,
0.3697

 55.2010, 0.3709,
0.3697


406.6734, 0.3426,
0.3505

 39.5627, 0.3777,
0.3741


 97.8354, 0.3608,
0.3630

 27.1977, 0.3863,
0.3796


 125.6002, 0.3569,
0.3604

 17.7218, 0.3973,
0.3864


158.1761, 0.3537,
0.3582

 10.7504, 0.4121,
0.3952

195.9472, 0.3508,
0.3562

 5.8993, 0.4328,
0.4068

239.2982, 0.3484,
0.3545

 2.7839, 0.4640,
0.4227

288.6132, 0.3462,

 1.0200, 0.5371,

0.3530

0.4629

344.2768, 0.3443,
0.3517

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2010, 0.3709,
0.3697

55.2010, 0.3709,
0.3697

49.8322, 0.3946,
0.3831

61.0916, 0.3497,
0.3561

44.9612, 0.4204,
0.3956

67.5117, 0.3309,
0.3429

40.5732, 0.4478,
0.4062

74.4785, 0.3144,
0.3304

36.6496, 0.4754,
0.4135

82.0059, 0.3001,
0.3186

■ 33.1700, 0.5017,
0.4163

■ 89.2780, 0.2945,
0.3201

■ 30.1113, 0.5250,
0.4138

■ 94.7484, 0.2946,
0.3289

■ 27.7218, 0.5425,
0.4075

Harmonies

Analogous

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



55.2010, 0.3738, 0.3467



55.2010, 0.3709, 0.3697



55.2010, 0.3519, 0.3833

Triad

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



55.2010, 0.3709, 0.3697



55.2010, 0.2677, 0.3351



55.2010, 0.3002, 0.2823

Complementary

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



55.2010, 0.3709, 0.3697



49.2149, 0.2630, 0.2844

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.



55.2010, 0.2733, 0.2778



55.2010, 0.3709, 0.3697



55.2010, 0.2553, 0.3064

Square

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



55.2010, 0.3709, 0.3697



55.2010, 0.2921, 0.3636



55.2010, 0.2573, 0.2860



55.2010, 0.3318, 0.2977

Rectangle

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



55.2010, 0.3709, 0.3697



55.2010, 0.3332, 0.3841



55.2010, 0.2573, 0.2860



55.2010, 0.2903, 0.2795

Sweetspot

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



55.2035, 0.3709, 0.3697



91.5087, 0.3273, 0.3403



43.1578, 0.3482, 0.2887



19.3049, 0.3298, 0.3421



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.



55.2035, 0.3709, 0.3697



68.8600, 0.3851, 0.3780



72.2273, 0.3596, 0.4065



14.8278, 0.3280, 0.3407



16.2076, 0.5401, 0.4093



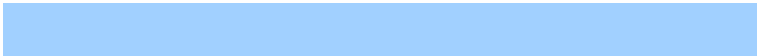
1.3025, 0.5166, 0.4280

Inverse Universe

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



49.2149, 0.2630, 0.2844



59.7746, 0.2529, 0.2739



35.8342, 0.2575, 0.2377



14.3693, 0.2981, 0.3170



10.1000, 0.1773, 0.1583



0.8792, 0.1851, 0.1862

Previews

White Background



This preview shows how the Yxy color 55.2010, 0.3709, 0.3697 looks on a white background.

Color Contrast Check

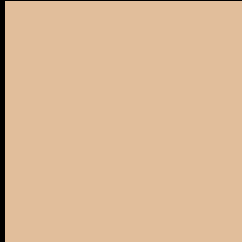
Large Text (above 18pt) WCAG AA × Fail

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 55.2010, 0.3709, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

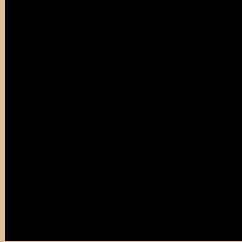
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2010, 0.3709, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 55.2010, 0.3709, 0.3697.



This preview shows how white text looks on a background with the Yxy color 55.2010, 0.3709, 0.3697.

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

55.2010, 0.3709, 0.3697

Protanopia

55.3584, 0.3518, 0.3751

Deuteranopia

54.9910, 0.3751, 0.3669



Tritanopia

55.1812, 0.3406, 0.3134

Trichromacy



Original Color

55.2010, 0.3709, 0.3697

Protanomaly

55.3140, 0.3584, 0.3732

Deuteranomaly

55.2557, 0.3739, 0.3682

Tritanomaly

54.9892, 0.3519, 0.3337

Monochromacy



Original Color

55.2010, 0.3709, 0.3697

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1852, 0.3333, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2010, 0.3709, 0.3697 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(225, 190, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 190, 155)  
}
```

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(225, 190, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 190, 155) }
```

Border

The CSS property to change the border of an element to Yxy 55.2010, 0.3709, 0.3697 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(225, 190, 155) }
```

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

```
.border{ border-color:rgb(225, 190, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 190, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 190, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 190, 155);  
box-shadow:4px 4px 4px 4px rgb(225, 190,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2010, 0.3709, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 190, 155) }
```

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

```
.background{ background-color: rgb(225,  
190, 155) }
```

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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