

Converting Colors

Yxy(54.9488, 0.3782, 0.3645)

Have a look what the booklet for
Yxy(54.9488, 0.3782, 0.3645)
contains.

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Color

Yxy(55.0630, 0.3781, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	E8BB9B
RGB	232, 187, 155
RGB Percent	91%, 73%, 61%
CMY	0.0902, 0.2666, 0.3922
CMYK	0.00, 0.19, 0.33, 0.09
HSL	25°, 63%, 76%
HSV	25°, 33%, 91%
XYZ	56.9612, 55.0630, 38.6270
YIQ	196.8070, 37.0920, -0.4120

Conversions

Conversions Part 2

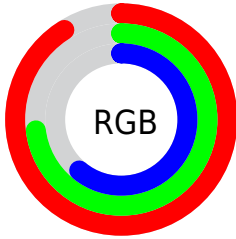
Format	Color
R _Y B	232, 210, 155
Decimal	15252379
CIE Lab	79.08, 11.73, 22.35
CIE LCh	79, 25.239, 62.295
Yxy	55.0630, 0.3781, 0.3655
Android (android.graphics.Color)	4293442459 (0xFFE8BB9B)
YUV	196.8070, -20.6109, 30.8643
Hunter-Lab	74.2044, 7.1633, 21.0798

Details

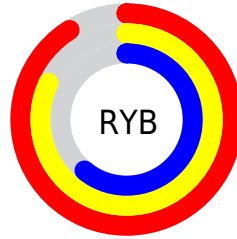
The Yxy color **55.0630, 0.3781, 0.3655** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0806, 0.2605, 0.2892**, and the grayscale version is **55.8223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0143, 0.3413, 0.3618**, and **27.1636, 0.3948, 0.3737** is the 20% darker color. If you saturate the color by 10%, you get **48.8788, 0.4043, 0.3767**, and if you desaturate by 10%, it is **61.9445, 0.3550, 0.3541**.

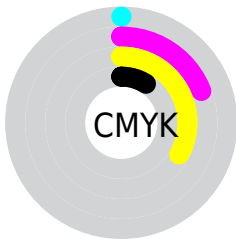
Distribution



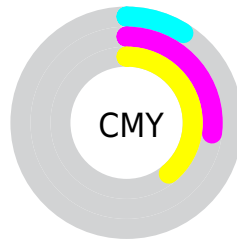
- Red (91%)
- Green (73%)
- Blue (61%)



- Red (91%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0630, 0.3781, 0.3655 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 55.0630, 0.3781, 0.3655 by changing the saturation by 10% instead.


 55.0630, 0.3781,
0.3655


 55.0630, 0.3781,
0.3655


406.1507, 0.3462,
0.3486

 39.4522, 0.3858,
0.3693


 97.6333, 0.3667,
0.3597

 27.1117, 0.3955,
0.3739


 125.3615, 0.3623,
0.3574

 17.6571, 0.4080,
0.3796


157.8976, 0.3586,
0.3554

 10.7041, 0.4249,
0.3868

195.6260, 0.3555,
0.3537

 5.8682, 0.4485,
0.3957

238.9311, 0.3527,
0.3522

 2.7651, 0.4843,
0.4072

288.1974, 0.3502,

 1.0104, 0.5642,

0.3508

343.8091, 0.3481,
0.3497

0.4358

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0630, 0.3781,
0.3655

55.0630, 0.3781,
0.3655

48.8788, 0.4043,
0.3767

61.9445, 0.3550,
0.3541

43.3607, 0.4333,
0.3868

69.5378, 0.3350,
0.3429

38.4862, 0.4644,
0.3949

77.8668, 0.3177,
0.3323

34.2282, 0.4961,
0.3994

86.9516, 0.3029,
0.3223

■ 30.5574, 0.5263,
0.3993

■ 95.7397, 0.2987,
0.3287

■ 27.4405, 0.5524,
0.3938

■ 95.8939, 0.2987,
0.3290

■ 25.6105, 0.5675,
0.3876

Harmonies

Analogous

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



55.0630, 0.3754, 0.3392



55.0630, 0.3781, 0.3655



55.0630, 0.3624, 0.3842

Triad

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



55.0630, 0.3781, 0.3655



55.0630, 0.2714, 0.3455



55.0630, 0.2894, 0.2763

Complementary

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



55.0630, 0.3781, 0.3655



54.0806, 0.2605, 0.2892

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.



55.0630, 0.2638, 0.2755



55.0630, 0.3781, 0.3655



55.0630, 0.2538, 0.3135

Square

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



55.0630, 0.3781, 0.3655



55.0630, 0.3003, 0.3739



55.0630, 0.2511, 0.2883



55.0630, 0.3227, 0.2895

Rectangle

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



55.0630, 0.3781, 0.3655



55.0630, 0.3442, 0.3888



55.0630, 0.2511, 0.2883



55.0630, 0.2797, 0.2746

Sweetspot

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



55.0656, 0.3781, 0.3655



89.3282, 0.3293, 0.3395



44.8158, 0.3441, 0.2776



18.8150, 0.3318, 0.3410



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.



55.0656, 0.3781, 0.3655



62.7819, 0.3961, 0.3734



72.9859, 0.3652, 0.4043



15.3480, 0.3282, 0.3388



14.4549, 0.5647, 0.3898



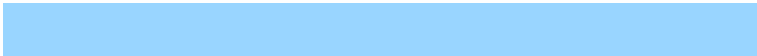
1.2480, 0.5386, 0.4105

Inverse Universe

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



54.0806, 0.2605, 0.2892



61.3661, 0.2497, 0.2792



38.8734, 0.2543, 0.2405



15.2788, 0.2981, 0.3190



13.1860, 0.1853, 0.1871



1.1568, 0.1916, 0.2098

Previews

White Background



This preview shows how the Yxy color 55.0630, 0.3781, 0.3655 looks on a white background.

Color Contrast Check

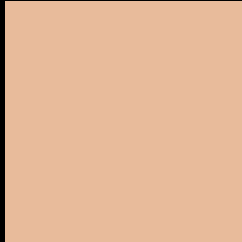
Large Text (above 18pt) WCAG AA × Fail

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 55.0630, 0.3781, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

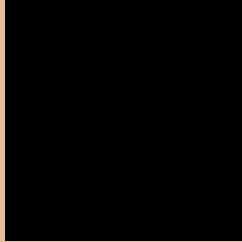
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0630, 0.3781, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 55.0630, 0.3781, 0.3655.



This preview shows how white text looks on a background with the Yxy color 55.0630, 0.3781, 0.3655.

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

55.0630, 0.3781, 0.3655

Protanopia

55.3930, 0.3511, 0.3739

Deuteranopia

54.9910, 0.3751, 0.3669



Tritanopia

54.8207, 0.3488, 0.3136

Trichromacy



Original Color

55.0630, 0.3781, 0.3655

Protanomaly

55.3603, 0.3605, 0.3705

Deuteranomaly

55.1560, 0.3760, 0.3668

Tritanomaly

54.8244, 0.3604, 0.3325

Monochromacy



Original Color

55.0630, 0.3781, 0.3655

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2190, 0.3352, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0630, 0.3781, 0.3655 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(232, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 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(232, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 155) }
```

Border

The CSS property to change the border of an element to Yxy 55.0630, 0.3781, 0.3655 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(232, 187, 155) }
```

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

```
.border{ border-color:rgb(232, 187, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 187, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0630, 0.3781, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 155) }
```

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

```
.background{ background-color: rgb(232,  
187, 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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