

Converting Colors

Yxy(55.7768, 0.3662, 0.3646)

Have a look what the booklet for
Yxy(55.7768, 0.3662, 0.3646)
contains.

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Color

Yxy(55.8072, 0.3664, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	E1BFA0
RGB	225, 191, 160
RGB Percent	88%, 75%, 63%
CMY	0.1177, 0.2509, 0.3726
CMYK	0.00, 0.15, 0.29, 0.12
HSL	29°, 52%, 75%
HSV	29°, 29%, 88%
XYZ	56.0213, 55.8072, 41.0680
YIQ	197.6320, 30.2150, -2.4330

Conversions

Conversions Part 2

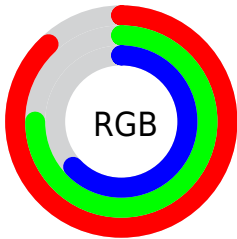
Format	Color
R_{YB}	225, 219, 160
Decimal	14794656
CIE _{Lab}	79.50, 7.56, 20.16
CIE _{LCh}	80, 21.531, 69.432
Yxy	55.8072, 0.3664, 0.3650
Android (android.graphics.Color)	4292984736 (0xFFE1BFA0)
YUV	197.6320, -18.5526, 24.0017
Hunter-Lab	74.7042, 3.1261, 19.6988

Details

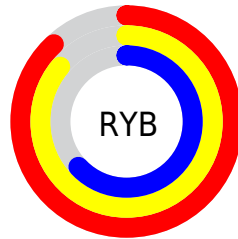
The Yxy color **55.8072, 0.3664, 0.3650** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4671, 0.2668, 0.2900**, and the grayscale version is **56.3374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6878, 0.3375, 0.3606**, and **27.6947, 0.3810, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **50.1681, 0.3900, 0.3779**, and if you desaturate by 10%, it is **62.0055, 0.3454, 0.3521**.

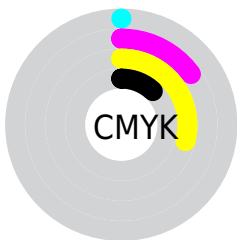
Distribution



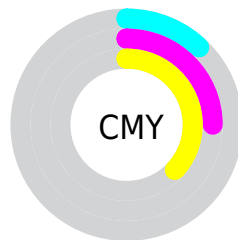
- Red (88%)
- Green (75%)
- Blue (63%)



- Red (88%)
- Yellow (86%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8072, 0.3664, 0.3650 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 55.8072, 0.3664, 0.3650 by changing the saturation by 10% instead.

 55.8072, 0.3664,
0.3650

 55.8072, 0.3664,
0.3650


408.9645, 0.3403,
0.3480

 40.0484, 0.3727,
0.3689

 98.7226, 0.3571,
0.3591

 27.5763, 0.3806,
0.3737


 126.6480, 0.3535,
0.3568

 18.0065, 0.3908,
0.3799


159.3977, 0.3505,
0.3548

 10.9546, 0.4046,
0.3877

197.3561, 0.3479,
0.3531

 6.0363, 0.4240,
0.3982

240.9076, 0.3456,
0.3516

 2.8672, 0.4526,
0.4120

290.4365, 0.3436,

 1.0628, 0.5371,

0.3503

0.4629

346.3274, 0.3418,
0.3491

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8072, 0.3664,
0.3650

55.8072, 0.3664,
0.3650

50.1681, 0.3900,
0.3779

62.0055, 0.3454,
0.3521

45.0634, 0.4160,
0.3902

68.7718, 0.3271,
0.3395

40.4770, 0.4440,
0.4007

76.1242, 0.3110,
0.3277

36.3894, 0.4727,
0.4084

84.0778, 0.2972,
0.3167

■ 32.7790, 0.5007,
0.4118

■ 91.4698, 0.2945,
0.3237

■ 29.6220, 0.5259,
0.4100

■ 94.7443, 0.2946,
0.3289

■ 26.8871, 0.5470,
0.4030

■ 26.6063, 0.5493,
0.4021

Harmonies

Analogous

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



55.8072, 0.3679, 0.3437



55.8072, 0.3664, 0.3650



55.8072, 0.3501, 0.3780

Triad

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



55.8072, 0.3664, 0.3650



55.8072, 0.2729, 0.3366



55.8072, 0.2994, 0.2856

Complementary

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



55.8072, 0.3664, 0.3650



51.4671, 0.2668, 0.2900

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.



55.8072, 0.2753, 0.2823



55.8072, 0.3664, 0.3650



55.8072, 0.2606, 0.3103

Square

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



55.8072, 0.3664, 0.3650



55.8072, 0.2959, 0.3619



55.8072, 0.2614, 0.2908



55.8072, 0.3282, 0.2991

Rectangle

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



55.8072, 0.3664, 0.3650



55.8072, 0.3334, 0.3793



55.8072, 0.2614, 0.2908



55.8072, 0.2905, 0.2832

Sweetspot

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



55.8098, 0.3664, 0.3650



91.1945, 0.3274, 0.3398



45.0640, 0.3429, 0.2893



19.2276, 0.3299, 0.3416



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.



55.8098, 0.3664, 0.3650



69.2922, 0.3811, 0.3733



71.2175, 0.3568, 0.3988



14.7747, 0.3280, 0.3402



15.5657, 0.5468, 0.4041



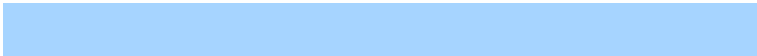
1.2574, 0.5220, 0.4237

Inverse Universe

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



51.4671, 0.2668, 0.2900



62.5815, 0.2565, 0.2799



38.8000, 0.2624, 0.2481



14.4226, 0.2981, 0.3175



10.7773, 0.1794, 0.1659



0.9261, 0.1869, 0.1929

Previews

White Background



This preview shows how the Yxy color 55.8072, 0.3664, 0.3650 looks on a white background.

Color Contrast Check

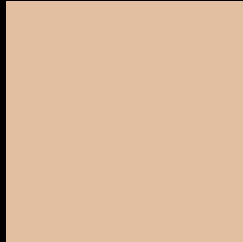
Large Text (above 18pt) WCAG AA × Fail

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 55.8072, 0.3664, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

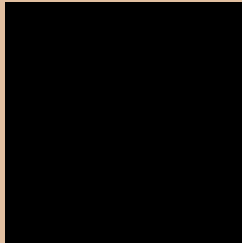
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8072, 0.3664, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 55.8072, 0.3664, 0.3650.



This preview shows how white text looks on a background with the Yxy color 55.8072, 0.3664, 0.3650.

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

55.8072, 0.3664, 0.3650

Protanopia

55.9867, 0.3477, 0.3701

Deuteranopia

55.5913, 0.3705, 0.3623



Tritanopia

55.6910, 0.3388, 0.3123

Trichromacy



Original Color

55.8072, 0.3664, 0.3650

Protanomaly

55.9350, 0.3541, 0.3684

Deuteranomaly

55.8590, 0.3693, 0.3635

Tritanomaly

55.5374, 0.3492, 0.3314

Monochromacy



Original Color

55.8072, 0.3664, 0.3650

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9008, 0.3317, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8072, 0.3664, 0.3650 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, 191, 160)` looks like.

```
.text, #text, p{  
    color:rgb(225, 191, 160)  
}
```

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, 191, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 191, 160) }
```

Border

The CSS property to change the border of an element to Yxy 55.8072, 0.3664, 0.3650 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, 191, 160) }
```

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

```
.border{ border-color:rgb(225, 191, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 191, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 191, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 191, 160);  
box-shadow:4px 4px 4px 4px rgb(225, 191,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8072, 0.3664, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 191, 160) }
```

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

```
.background{ background-color: rgb(225,  
191, 160) }
```

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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