

Converting Colors

$Yxy(55.9239, 0.3665, 0.3645)$

Have a look what the booklet for
Yxy(55.9239, 0.3665, 0.3645)
contains.

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Color

Yxy(55.9684, 0.3673, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	E2BFA0
RGB	226, 191, 160
RGB Percent	89%, 75%, 63%
CMY	0.1137, 0.2509, 0.3727
CMYK	0.00, 0.15, 0.29, 0.11
HSL	28°, 53%, 76%
HSV	28°, 29%, 89%
XYZ	56.3365, 55.9684, 41.0752
YIQ	197.9310, 30.8110, -2.2210

Conversions

Conversions Part 2

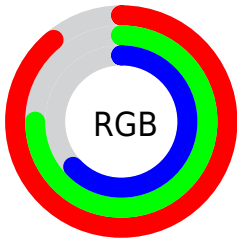
Format	Color
R_{YB}	226, 218, 160
Decimal	14860192
CIE _{Lab}	79.60, 7.95, 20.31
CIE _{LCh}	80, 21.810, 68.613
Yxy	55.9684, 0.3673, 0.3649
Android (android.graphics.Color)	4293050272 (0xFFE2BFA0)
YUV	197.9310, -18.7000, 24.6165
Hunter-Lab	74.8120, 3.4967, 19.8155

Details

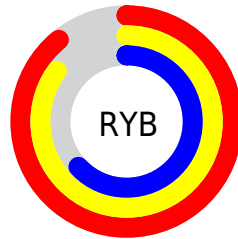
The Yxy color **55.9684, 0.3673, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9696, 0.2664, 0.2901**, and the grayscale version is **56.5293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6878, 0.3375, 0.3606**, and **27.8057, 0.3822, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **50.2393, 0.3911, 0.3777**, and if you desaturate by 10%, it is **62.2735, 0.3462, 0.3521**.

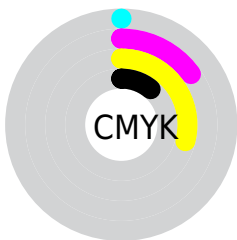
Distribution



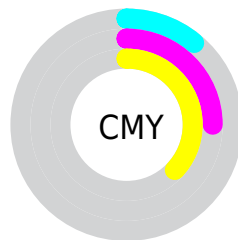
- Red (89%)
- Green (75%)
- Blue (63%)



- Red (89%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9684, 0.3673, 0.3649 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 55.9684, 0.3673, 0.3649 by changing the saturation by 10% instead.

 55.9684, 0.3673,
0.3649

 55.9684, 0.3673,
0.3649


409.5724, 0.3407,
0.3480

 40.1776, 0.3737,
0.3688


 98.9584, 0.3578,
0.3590

 27.6770, 0.3817,
0.3736


 126.9263, 0.3542,
0.3567

 18.0823, 0.3921,
0.3796


159.7221, 0.3511,
0.3548

 11.0091, 0.4061,
0.3874

197.7301, 0.3485,
0.3531

 6.0730, 0.4257,
0.3976

241.3348, 0.3462,
0.3516

 2.8895, 0.4548,
0.4112

290.9204, 0.3441,

 1.0743, 0.5394,

0.3502

0.4606

346.8715, 0.3423,
0.3491

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9684, 0.3673,
0.3649

55.9684, 0.3673,
0.3649

50.2393, 0.3911,
0.3777

62.2735, 0.3462,
0.3521

45.0604, 0.4175,
0.3897

69.1638, 0.3276,
0.3398

40.4154, 0.4457,
0.4000

76.6582, 0.3115,
0.3281

36.2836, 0.4748,
0.4073

84.7721, 0.2976,
0.3173

■ 32.6428, 0.5031,
0.4104

■ 92.3088, 0.2951,
0.3248

■ 29.4682, 0.5285,
0.4083

■ 94.9081, 0.2952,
0.3289

■ 26.7269, 0.5498,
0.4010

■ 26.5282, 0.5515,
0.4003

Harmonies

Analogous

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



55.9684, 0.3683, 0.3432



55.9684, 0.3673, 0.3649



55.9684, 0.3511, 0.3784

Triad

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



55.9684, 0.3673, 0.3649



55.9684, 0.2729, 0.3374



55.9684, 0.2985, 0.2849

Complementary

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



55.9684, 0.3673, 0.3649



51.9696, 0.2664, 0.2901

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.



55.9684, 0.2743, 0.2819



55.9684, 0.3673, 0.3649



55.9684, 0.2601, 0.3107

Square

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



55.9684, 0.3673, 0.3649



55.9684, 0.2964, 0.3629



55.9684, 0.2606, 0.2907



55.9684, 0.3276, 0.2983

Rectangle

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



55.9684, 0.3673, 0.3649



55.9684, 0.3344, 0.3800



55.9684, 0.2606, 0.2907



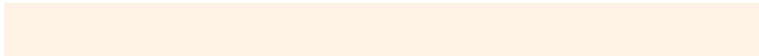
55.9684, 0.2895, 0.2826

Sweetspot

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



55.9710, 0.3673, 0.3649



91.0945, 0.3274, 0.3396



45.2464, 0.3434, 0.2888



19.2030, 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.



55.9710, 0.3673, 0.3649



68.9749, 0.3813, 0.3726



71.9062, 0.3574, 0.3996



14.7578, 0.3280, 0.3401



15.3685, 0.5489, 0.4024



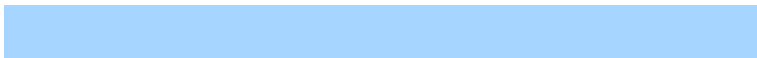
1.2434, 0.5238, 0.4223

Inverse Universe

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



51.9696, 0.2664, 0.2901



62.9082, 0.2566, 0.2806



38.8605, 0.2617, 0.2470



14.4396, 0.2981, 0.3177



11.0012, 0.1801, 0.1684



0.9414, 0.1875, 0.1951

Previews

White Background



This preview shows how the Yxy color 55.9684, 0.3673, 0.3649 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 55.9684, 0.3673, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

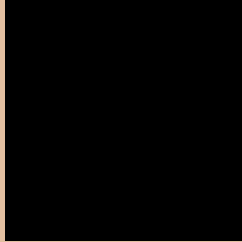
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9684, 0.3673, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 55.9684, 0.3673, 0.3649.



This preview shows how white text looks on a background with the Yxy color 55.9684, 0.3673, 0.3649.

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

55.9684, 0.3673, 0.3649

Protanopia

56.1322, 0.3485, 0.3700

Deuteranopia

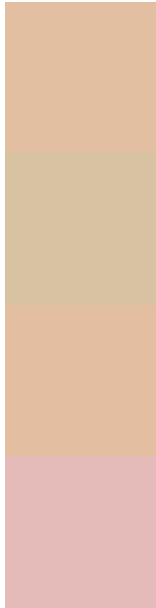
56.0230, 0.3702, 0.3634



Tritanopia

55.8570, 0.3396, 0.3124

Trichromacy



Original Color

55.9684, 0.3673, 0.3649

Protanomaly

56.0859, 0.3550, 0.3682

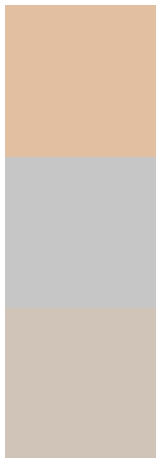
Deuteranomaly

55.8590, 0.3693, 0.3635

Tritanomaly

55.7014, 0.3501, 0.3314

Monochromacy



Original Color

55.9684, 0.3673, 0.3649

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 55.9684, 0.3673, 0.3649 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(226, 191, 160)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 191, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 160) }
```

Border

The CSS property to change the border of an element to Yxy 55.9684, 0.3673, 0.3649 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(226, 191, 160) }
```

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

```
.border{ border-color:rgb(226, 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(226, 191, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 160);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9684, 0.3673, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 160) }
```

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

```
.background{ background-color: rgb(226,  
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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