

Converting Colors

Yxy(55.8676, 0.3953, 0.4324)

Have a look what the booklet for
Yxy(55.8676, 0.3953, 0.4324)
contains.

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Color

Yxy(56.0698, 0.3952, 0.4326)

Conversions

Conversions Part 1

Format	Color
Hex	D8C66C
RGB	216, 198, 108
RGB Percent	85%, 78%, 42%
CMY	0.1529, 0.2235, 0.5763
CMYK	0.00, 0.08, 0.50, 0.15
HSL	50°, 58%, 64%
HSV	50°, 50%, 85%
XYZ	51.2223, 56.0698, 22.3190
YIQ	193.1220, 39.6180, -24.1740

Conversions

Conversions Part 2

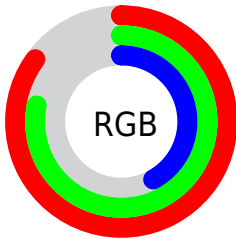
Format	Color
R _{YB}	130, 216, 108
Decimal	14206572
CIE Lab	79.65, -5.41, 47.00
CIE LCh	80, 47.306, 96.566
Yxy	56.0698, 0.3952, 0.4326
Android (android.graphics.Color)	4292396652 (0xFFD8C66C)
YUV	193.1220, -41.9651, 20.0640
Hunter-Lab	74.8798, -8.9347, 34.7436

Details

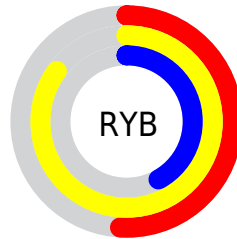
The Yxy color **56.0698, 0.3952, 0.4326** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.0797, 0.2223, 0.1970**, and the grayscale version is **53.6415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3532, 0.3683, 0.4210**, and **27.6129, 0.4134, 0.4564** is the 20% darker color. If you saturate the color by 10%, you get **54.0408, 0.4111, 0.4497**, and if you desaturate by 10%, it is **58.2571, 0.3783, 0.4131**.

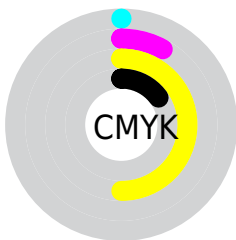
Distribution



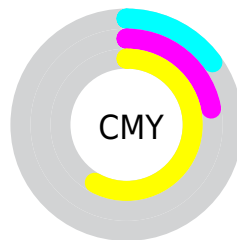
- Red (85%)
- Green (78%)
- Blue (42%)



- Red (51%)
- Yellow (85%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0698, 0.3952, 0.4326 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 56.0698, 0.3952, 0.4326 by changing the saturation by 10% instead.

 56.0698, 0.3952,
0.4326


 56.0698, 0.3952,
0.4326


409.9545, 0.3572,
0.3835


 40.2589, 0.4034,
0.4436


 99.1066, 0.3823,
0.4156

 27.7405, 0.4130,
0.4568


 127.1013, 0.3772,
0.4090

 18.1301, 0.4242,
0.4729


 159.9261, 0.3727,
0.4032

 11.0434, 0.4368,
0.4921

 197.9653, 0.3688,
0.3983

 6.0961, 0.4549,
0.5204

241.6033, 0.3654,
0.3939

 2.9036, 0.4605,
0.5395

291.2246, 0.3623,

 1.0816, 0.4498,

0.3900

0.5502

347.2135, 0.3596,
0.3866

0.0000, 0.0000,
0.0000

56.0698, 0.3952,
0.4326

56.0698, 0.3952,
0.4326

54.0408, 0.4111,
0.4497

58.2571, 0.3783,
0.4131

52.1535, 0.4253,
0.4635

60.6029, 0.3611,
0.3921

50.4003, 0.4371,
0.4730

63.1169, 0.3442,
0.3707

48.7695, 0.4461,
0.4779

65.8061, 0.3279,
0.3495

47.2399, 0.4525,
0.4789

68.6767, 0.3127,
0.3290

■ 47.2377, 0.4525,
0.4789

■ 71.7346, 0.2986,
0.3096

■ 74.7095, 0.2881,
0.2956

■ 76.6571, 0.2883,
0.2995

■ 78.6459, 0.2884,
0.3033

Harmonies

Analogous

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



56.0698, 0.4308, 0.3965



56.0698, 0.3952, 0.4326



56.0698, 0.3393, 0.4415

Triad

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



56.0698, 0.3952, 0.4326



56.0698, 0.2056, 0.2891



56.0698, 0.3387, 0.2639

Complementary

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



56.0698, 0.3952, 0.4326



23.0797, 0.2223, 0.1970

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.



56.0698, 0.2768, 0.2388



56.0698, 0.3952, 0.4326



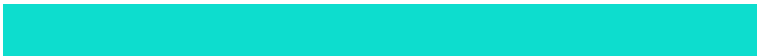
56.0698, 0.2055, 0.2487

Square

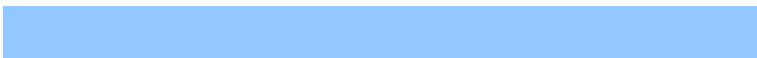
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0698, 0.3952, 0.4326



56.0698, 0.2311, 0.3496



56.0698, 0.2299, 0.2326



56.0698, 0.3983, 0.3031

Rectangle

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



56.0698, 0.3952, 0.4326



56.0698, 0.2987, 0.4251



56.0698, 0.2299, 0.2326



56.0698, 0.3173, 0.2537

Sweetspot

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



56.0724, 0.3952, 0.4326



93.7748, 0.3362, 0.3604



26.8861, 0.4268, 0.3054



19.8948, 0.3397, 0.3649



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.



56.0724, 0.3952, 0.4326



78.5289, 0.4120, 0.4506



60.1204, 0.3578, 0.4625



14.1510, 0.3270, 0.3483



28.0952, 0.4519, 0.4794



1.7903, 0.4454, 0.4846

Inverse Universe

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



23.0797, 0.2223, 0.1970



25.3559, 0.2020, 0.1642



21.4612, 0.2454, 0.1819



12.3399, 0.2982, 0.3090



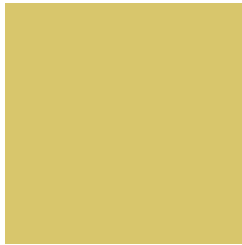
3.7884, 0.1543, 0.0753



0.3339, 0.1622, 0.1040

Previews

White Background



This preview shows how the Yxy color 56.0698, 0.3952, 0.4326 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 56.0698, 0.3952, 0.4326 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 56.0698, 0.3952, 0.4326

Background



This preview shows how black text looks on a background with the Yxy color 56.0698, 0.3952, 0.4326.



This preview shows how white text looks on a background with the Yxy color 56.0698, 0.3952, 0.4326.

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

56.0698, 0.3952, 0.4326

Protanopia

56.2226, 0.3961, 0.4323

Deuteranopia

55.7930, 0.4216, 0.4121



Tritanopia

55.8125, 0.3327, 0.3121

Trichromacy



Original Color

56.0698, 0.3952, 0.4326

Protanomaly

56.2226, 0.3961, 0.4323

Deuteranomaly

55.9592, 0.4120, 0.4200

Tritanomaly

55.6184, 0.3572, 0.3559

Monochromacy



Original Color

56.0698, 0.3952, 0.4326

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0564, 0.3430, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0698, 0.3952, 0.4326 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(216, 198, 108)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 108)  
}
```

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(216, 198, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 108) }
```

Border

The CSS property to change the border of an element to Yxy 56.0698, 0.3952, 0.4326 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(216, 198, 108) }
```

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

```
.border{ border-color:rgb(216, 198, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 108);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0698, 0.3952, 0.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 108) }
```

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

```
.background{ background-color: rgb(216,  
198, 108) }
```

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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