

Converting Colors

Yxy(53.4256, 0.4007, 0.4326)

Have a look what the booklet for
Yxy(53.4256, 0.4007, 0.4326)
contains.

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Color

Yxy(53.5663, 0.4006, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	D7C167
RGB	215, 193, 103
RGB Percent	84%, 76%, 40%
CMY	0.1568, 0.2431, 0.5959
CMYK	0.00, 0.10, 0.52, 0.16
HSL	48°, 58%, 62%
HSV	48°, 52%, 84%
XYZ	49.5467, 53.5663, 20.5682
YIQ	189.3180, 42.0020, -23.3260

Conversions

Conversions Part 2

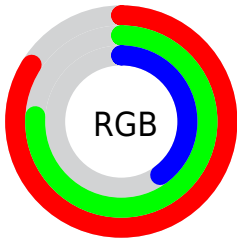
Format	Color
RYB	130, 215, 103
Decimal	14139751
CIELab	78.21, -3.67, 47.67
CIELCh	78, 47.813, 94.397
Yxy	53.5663, 0.4006, 0.4331
Android (android.graphics.Color)	4292329831 (0xFFD7C167)
YUV	189.3180, -42.5548, 22.5231
Hunter-Lab	73.1890, -7.2418, 34.5701

Details

The Yxy color **53.5663, 0.4006, 0.4331** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.4717, 0.2192, 0.1954**, and the grayscale version is **51.3148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4117, 0.3732, 0.4206**, and **26.2732, 0.4197, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **51.3487, 0.4171, 0.4492**, and if you desaturate by 10%, it is **55.9533, 0.3831, 0.4145**.

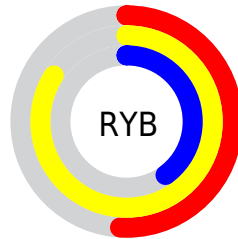
Distribution



Red (84%)

Green (76%)

Blue (40%)



Red (51%)

Yellow (84%)

Blue (40%)

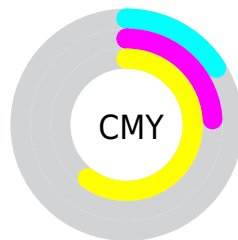


Cyan (0%)

Magenta (10%)

Yellow (52%)

Black (16%)



Cyan (16%)

Magenta (24%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5663, 0.4006, 0.4331 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 53.5663, 0.4006, 0.4331 by changing the saturation by 10% instead.


 53.5663, 0.4006,
0.4331


 53.5663, 0.4006,
0.4331


400.4540, 0.3597,
0.3838


 38.2550, 0.4094,
0.4441


 95.4372, 0.3867,
0.4161


 26.1807, 0.4198,
0.4572


 122.7655, 0.3812,
0.4094

 16.9589, 0.4319,
0.4730


 154.8684, 0.3764,
0.4036

 10.2052, 0.4455,
0.4915

 192.1302, 0.3722,
0.3986

 5.5352, 0.4697,
0.5239

234.9352, 0.3685,
0.3942

 2.5646, 0.4685,
0.5315

283.6679, 0.3653,

 0.9089, 0.4600,

0.3903

0.5400

338.7127, 0.3623,
0.3869

0.0000, 0.0000,
0.0000

53.5663, 0.4006,
0.4331

53.5663, 0.4006,
0.4331

51.3487, 0.4171,
0.4492

55.9533, 0.3831,
0.4145

49.2839, 0.4319,
0.4617

58.5105, 0.3654,
0.3944

47.3640, 0.4442,
0.4699

61.2478, 0.3480,
0.3736

45.5766, 0.4536,
0.4734

64.1721, 0.3314,
0.3530

44.2385, 0.4594,
0.4735

67.2901, 0.3158,
0.3330

■ 70.6076, 0.3014,
0.3141

■ 74.1307, 0.2883,
0.2964

■ 76.5056, 0.2877,
0.2994

■ 78.8438, 0.2878,
0.3039

Harmonies

Analogous

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



53.5663, 0.4352, 0.3945



53.5663, 0.4006, 0.4331



53.5663, 0.3443, 0.4453

Triad

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



53.5663, 0.4006, 0.4331



53.5663, 0.2041, 0.2918



53.5663, 0.3345, 0.2600

Complementary

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



53.5663, 0.4006, 0.4331



22.4717, 0.2192, 0.1954

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.



53.5663, 0.2717, 0.2357



53.5663, 0.4006, 0.4331



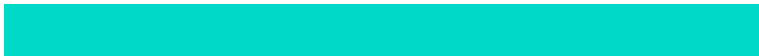
53.5663, 0.2022, 0.2488

Square

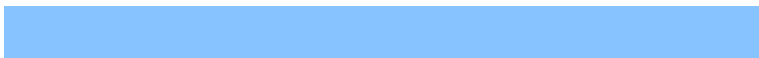
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5663, 0.4006, 0.4331



53.5663, 0.2319, 0.3549



53.5663, 0.2254, 0.2308



53.5663, 0.3967, 0.2991

Rectangle

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



53.5663, 0.4006, 0.4331



53.5663, 0.3026, 0.4306



53.5663, 0.2254, 0.2308



53.5663, 0.3126, 0.2500

Sweetspot

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



53.5688, 0.4006, 0.4331



92.6342, 0.3380, 0.3613



25.6480, 0.4316, 0.3024



19.6363, 0.3415, 0.3656



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.



53.5688, 0.4006, 0.4331



75.3896, 0.4179, 0.4499



59.4620, 0.3607, 0.4672



14.0858, 0.3271, 0.3476



26.6075, 0.4587, 0.4740



1.7132, 0.4506, 0.4804

Inverse Universe

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



22.4717, 0.2192, 0.1954



25.1890, 0.1996, 0.1639



19.9012, 0.2402, 0.1746



12.4000, 0.2982, 0.3097



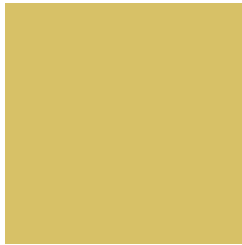
4.0551, 0.1555, 0.0799



0.3620, 0.1642, 0.1111

Previews

White Background



This preview shows how the Yxy color 53.5663, 0.4006, 0.4331 looks on a white background.

Color Contrast Check

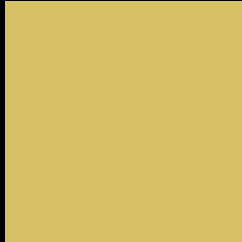
Large Text (above 18pt) WCAG AA × Fail

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 53.5663, 0.4006, 0.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

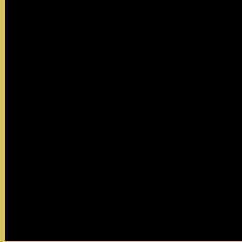
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5663, 0.4006, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 53.5663, 0.4006, 0.4331.



This preview shows how white text looks on a background with the Yxy color 53.5663, 0.4006, 0.4331.

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

53.5663, 0.4006, 0.4331

Protanopia

53.7090, 0.3982, 0.4349

Deuteranopia

53.3054, 0.4244, 0.4142



Tritanopia

53.3344, 0.3366, 0.3120

Trichromacy



Original Color

53.5663, 0.4006, 0.4331

Protanomaly

53.8590, 0.3991, 0.4345

Deuteranomaly

53.1981, 0.4161, 0.4210

Tritanomaly

53.1343, 0.3619, 0.3562

Monochromacy



Original Color

53.5663, 0.4006, 0.4331

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3013, 0.3447, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5663, 0.4006, 0.4331 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(215, 193, 103)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 103)  
}
```

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(215, 193, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 103) }
```

Border

The CSS property to change the border of an element to Yxy 53.5663, 0.4006, 0.4331 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(215, 193, 103) }
```

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

```
.border{ border-color:rgb(215, 193, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 103);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5663, 0.4006, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 103) }
```

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

```
.background{ background-color: rgb(215,  
193, 103) }
```

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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