

Converting Colors

Yxy(56.7841, 0.4317, 0.4034)

Have a look what the booklet for
Yxy(56.7841, 0.4317, 0.4034)
contains.

Yxy(56.7504, 0.4323, 0.4036)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7504, 0.4323, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	FDB970
RGB	253, 185, 112
RGB Percent	99%, 73%, 44%
CMY	0.0078, 0.2745, 0.5608
CMYK	0.00, 0.27, 0.56, 0.01
HSL	31°, 97%, 72%
HSV	31°, 56%, 99%
XYZ	60.7859, 56.7504, 23.0742
YIQ	197.0100, 63.9610, -8.2870

Conversions

Conversions Part 2

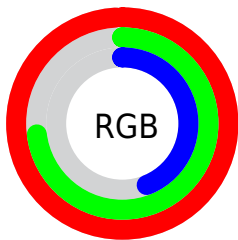
Format	Color
RYB	243, 253, 112
Decimal	16628080
CIELab	80.04, 16.82, 46.35
CIELCh	80, 49.304, 70.051
Yxy	56.7504, 0.4323, 0.4036
Android (android.graphics.Color)	4294818160 (0xFFFDB970)
YUV	197.0100, -41.9099, 49.1032
Hunter-Lab	75.3329, 12.1988, 34.5727

Details

The Yxy color **56.7504, 0.4323, 0.4036** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.1807, 0.2225, 0.2359**, and the grayscale version is **56.0714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8872, 0.3705, 0.4050**, and **28.1878, 0.4598, 0.4166** is the 20% darker color. If you saturate the color by 10%, you get **51.3781, 0.4594, 0.4131**, and if you desaturate by 10%, it is **62.7248, 0.4060, 0.3914**.

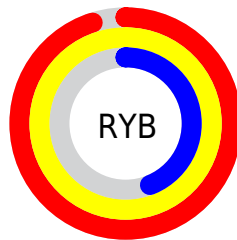
Distribution



Red (99%)

Green (73%)

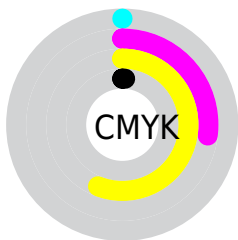
Blue (44%)



Red (95%)

Yellow (99%)

Blue (44%)

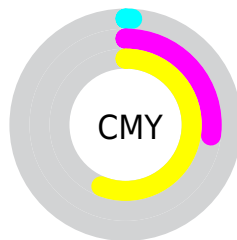


Cyan (0%)

Magenta (27%)

Yellow (56%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7504, 0.4323, 0.4036 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 56.7504, 0.4323, 0.4036 by changing the saturation by 10% instead.


 56.7504, 0.4323,
0.4036

 56.7504, 0.4323,
0.4036


412.5134, 0.3756,
0.3713

 40.8049, 0.4450,
0.4099


 100.1009, 0.4127,
0.3932

 28.1667, 0.4604,
0.4169


 128.2747, 0.4050,
0.3888

 18.4513, 0.4792,
0.4244


 161.2933, 0.3984,
0.3850

 11.2745, 0.5021,
0.4317


 199.5412, 0.3926,
0.3817

 6.2518, 0.5335,
0.4397

243.4028, 0.3876,
0.3786

 2.9988, 0.5641,
0.4359

293.2624, 0.3831,

 1.1311, 0.5910,

0.3759

0.4090

349.5045, 0.3791,
0.3735

0.0043, 0.9897,
0.0103

0.0000, 0.0000,
0.0000

56.7504, 0.4323,
0.4036

56.7504, 0.4323,
0.4036

51.3781, 0.4594,
0.4131

62.7248, 0.4060,
0.3914

46.5750, 0.4859,
0.4187

69.3155, 0.3815,
0.3778

42.3166, 0.5101,
0.4193

76.5466, 0.3592,
0.3637

38.5710, 0.5305,
0.4142

84.4377, 0.3393,
0.3498

■ 37.1161, 0.5383,
0.4108

■ 93.0078, 0.3218,
0.3364

99.6261, 0.3115,
0.3290

Harmonies

Analogous

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



56.7504, 0.4394, 0.3559



56.7504, 0.4323, 0.4036



56.7504, 0.3919, 0.4392

Triad

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



56.7504, 0.4323, 0.4036



56.7504, 0.2238, 0.3423



56.7504, 0.2823, 0.2380

Complementary

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



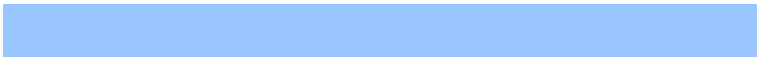
56.7504, 0.4323, 0.4036



43.1807, 0.2225, 0.2359

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.



56.7504, 0.2316, 0.2291



56.7504, 0.4323, 0.4036



56.7504, 0.2007, 0.2812

Square

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



56.7504, 0.4323, 0.4036



56.7504, 0.2711, 0.4073



56.7504, 0.2036, 0.2426



56.7504, 0.3473, 0.2658

Rectangle

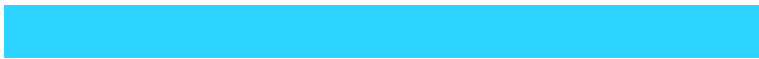
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7504, 0.4323, 0.4036



56.7504, 0.3535, 0.4473



56.7504, 0.2036, 0.2426



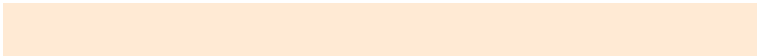
56.7504, 0.2632, 0.2327

Sweetspot

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



56.7532, 0.4323, 0.4036



84.8943, 0.3417, 0.3515



35.7724, 0.3965, 0.2599



17.8173, 0.3456, 0.3543



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.



56.7532, 0.4323, 0.4036



51.6367, 0.4628, 0.4141



91.8793, 0.3914, 0.4627



19.5427, 0.3281, 0.3413



20.0348, 0.5359, 0.4127



2.1696, 0.5190, 0.4261

Inverse Universe

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



43.1807, 0.2225, 0.2359



36.5843, 0.2063, 0.2129



22.2778, 0.2055, 0.1501



18.8235, 0.2979, 0.3164



11.4682, 0.1754, 0.1515



1.3341, 0.1813, 0.1725

Previews

White Background



This preview shows how the Yxy color 56.7504, 0.4323, 0.4036 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 56.7504, 0.4323, 0.4036 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 56.7504, 0.4323, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 56.7504, 0.4323, 0.4036.



This preview shows how white text looks on a background with the Yxy color 56.7504, 0.4323, 0.4036.

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

56.7504, 0.4323, 0.4036

Protanopia

57.0366, 0.3902, 0.4236

Deuteranopia

57.0293, 0.4213, 0.4125



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.7504, 0.4323, 0.4036

Protanomaly

56.8103, 0.4057, 0.4164

Deuteranomaly

56.8883, 0.4260, 0.4093

Tritanomaly

56.7272, 0.3936, 0.3493

Monochromacy



Original Color

56.7504, 0.4323, 0.4036

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6448, 0.3540, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7504, 0.4323, 0.4036 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(253, 185, 112)` looks like.

```
.text, #text, p{  
    color:rgb(253, 185, 112)  
}
```

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(253, 185, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 185, 112) }
```

Border

The CSS property to change the border of an element to Yxy 56.7504, 0.4323, 0.4036 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(253, 185, 112) }
```

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

```
.border{ border-color:rgb(253, 185, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 185, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 185, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 185, 112);  
box-shadow:4px 4px 4px 4px rgb(253, 185,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7504, 0.4323, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 185, 112) }
```

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

```
.background{ background-color: rgb(253,  
185, 112) }
```

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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