

Converting Colors

Yxy(56.4944, 0.3366, 0.3963)

Have a look what the booklet for
Yxy(56.4944, 0.3366, 0.3963)
contains.

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Color

Yxy(56.4944, 0.3366, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	BBCD98
RGB	187, 205, 152
RGB Percent	73%, 80%, 60%
CMY	0.2668, 0.1960, 0.4040
CMYK	0.09, 0.00, 0.26, 0.20
HSL	80°, 35%, 70%
HSV	80°, 26%, 80%
XYZ	47.9839, 56.4944, 38.0763
YIQ	193.5760, 6.2850, -20.2990

Conversions

Conversions Part 2

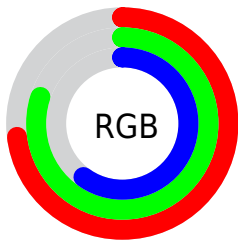
Format	Color
RYB	152, 205, 170
Decimal	12307864
CIELab	79.89, -15.21, 24.43
CIELCh	80, 28.778, 121.907
Yxy	56.4944, 0.3366, 0.3963
Android (android.graphics.Color)	4290497944 (0xFFBBCD98)
YUV	193.5760, -20.4970, -5.7672
Hunter-Lab	75.1628, -17.5805, 22.5785

Details

The Yxy color **56.4944, 0.3366, 0.3963** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4135, 0.2839, 0.2589**, and the grayscale version is **53.8026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2581, 0.3339, 0.3772**, and **28.0593, 0.3412, 0.4147** is the 20% darker color. If you saturate the color by 10%, you get **55.0231, 0.3452, 0.4242**, and if you desaturate by 10%, it is **58.1296, 0.3274, 0.3691**.

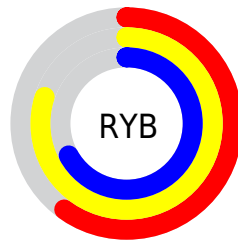
Distribution



Red (73%)

Green (80%)

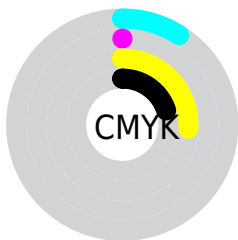
Blue (60%)



Red (60%)

Yellow (80%)

Blue (67%)

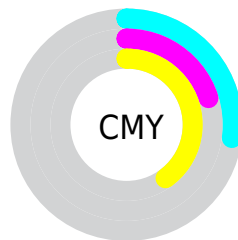


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4944, 0.3366, 0.3963 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 56.4944, 0.3366, 0.3963 by changing the saturation by 10% instead.


 56.4944, 0.3366,
0.3963

 56.4944, 0.3366,
0.3963


411.5520, 0.3256,
0.3629

 40.5995, 0.3390,
0.4045


 99.7271, 0.3328,
0.3842

 28.0062, 0.3419,
0.4150


 127.8336, 0.3314,
0.3797

 18.3304, 0.3455,
0.4287


160.7794, 0.3301,
0.3758

 11.1874, 0.3498,
0.4475

198.9490, 0.3290,
0.3725

 6.1930, 0.3548,
0.4745

242.7266, 0.3280,
0.3696

 2.9628, 0.3611,
0.5182

292.4967, 0.3271,

 1.1124, 0.3758,

0.3671

0.6242

348.6437, 0.3263,
0.3649

0.0000, 0.0000,
0.0000

56.4944, 0.3366,
0.3963

56.4944, 0.3366,
0.3963

55.0231, 0.3452,
0.4242

58.1296, 0.3274,
0.3691

53.7017, 0.3529,
0.4519

59.9274, 0.3181,
0.3433

52.5255, 0.3591,
0.4784


61.8960, 0.3090,
0.3193


51.4867, 0.3634,
0.5023


64.0409, 0.3001,
0.2972


50.5766, 0.3653,
0.5225


66.3672, 0.2917,
0.2770


 49.7850, 0.3647,
0.5381


 67.5241, 0.2963,
0.2773

 49.0997, 0.3618,
0.5487

 68.6948, 0.3012,
0.2780

 48.8379, 0.3602,
0.5522

 69.9123, 0.3062,
0.2788

 71.1770, 0.3112,
0.2796

Harmonies

Analogous

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



56.4944, 0.3691, 0.3910



56.4944, 0.3366, 0.3963



56.4944, 0.2990, 0.3805

Triad

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



56.4944, 0.3366, 0.3963



56.4944, 0.2435, 0.2832



56.4944, 0.3597, 0.3093

Complementary

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



56.4944, 0.3366, 0.3963



35.4135, 0.2839, 0.2589

Split Complementary

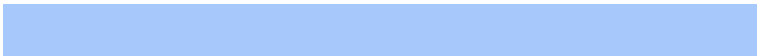
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4944, 0.3233, 0.2844



56.4944, 0.3366, 0.3963



56.4944, 0.2574, 0.2689

Square

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



56.4944, 0.3366, 0.3963



56.4944, 0.2467, 0.3116



56.4944, 0.2859, 0.2699



56.4944, 0.3835, 0.3396

Rectangle

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



56.4944, 0.3366, 0.3963



56.4944, 0.2762, 0.3600



56.4944, 0.2859, 0.2699



56.4944, 0.3484, 0.3001

Sweetspot

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



56.4969, 0.3366, 0.3963



97.4611, 0.3202, 0.3490



43.8725, 0.3618, 0.3515



20.7629, 0.3216, 0.3529



0.0000, 0.0000, 0.0000



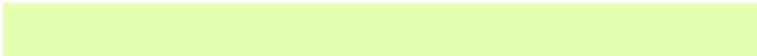
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4969, 0.3366, 0.3963



91.1595, 0.3415, 0.4117



53.4966, 0.3159, 0.4008



12.8980, 0.3214, 0.3523



30.4521, 0.3610, 0.5515



1.6118, 0.3727, 0.5423

Inverse Universe

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



35.4135, 0.2839, 0.2589



50.9295, 0.2763, 0.2420



38.6217, 0.3075, 0.2636



11.0266, 0.3035, 0.3054



3.5977, 0.1763, 0.0745



0.2273, 0.1987, 0.0868

Previews

White Background



This preview shows how the Yxy color 56.4944, 0.3366, 0.3963 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 56.4944, 0.3366, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

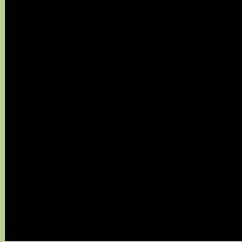
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4944, 0.3366, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 56.4944, 0.3366, 0.3963.



This preview shows how white text looks on a background with the Yxy color 56.4944, 0.3366, 0.3963.

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

56.4944, 0.3366, 0.3963

Protanopia

56.5551, 0.3617, 0.3876

Deuteranopia

56.1824, 0.3761, 0.3689



Tritanopia

56.4724, 0.3005, 0.3100

Trichromacy



Original Color

56.4944, 0.3366, 0.3963

Protanomaly

56.6718, 0.3524, 0.3914

Deuteranomaly

55.8104, 0.3613, 0.3778

Tritanomaly

56.4076, 0.3138, 0.3400

Monochromacy



Original Color

56.4944, 0.3366, 0.3963

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7192, 0.3211, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4944, 0.3366, 0.3963 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(187, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 152)  
}
```

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(187, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 152) }
```

Border

The CSS property to change the border of an element to Yxy 56.4944, 0.3366, 0.3963 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(187, 205, 152) }
```

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

```
.border{ border-color:rgb(187, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 205, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 205, 152); box-shadow:4px 4px 4px 4px rgb(187, 205, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4944, 0.3366, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 152) }
```

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

```
.background{ background-color: rgb(187,  
205, 152) }
```

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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