

Converting Colors

Yxy(50.2718, 0.3037, 0.3544)

Have a look what the booklet for
Yxy(50.2718, 0.3037, 0.3544)
contains.

Yxy(50.2718, 0.3037, 0.3544)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2718, 0.3037, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	A6C3B0
RGB	166, 195, 176
RGB Percent	65%, 76%, 69%
CMY	0.3489, 0.2353, 0.3099
CMYK	0.15, 0.00, 0.10, 0.24
HSL	141°, 19%, 71%
HSV	141°, 15%, 76%
XYZ	43.0800, 50.2718, 48.4987
YIQ	184.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

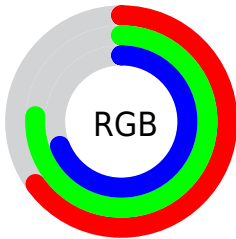
Format	Color
RYB	166, 188, 195
Decimal	10929072
CIELab	76.24, -13.49, 6.29
CIELCh	76, 14.886, 155.017
Yxy	50.2718, 0.3037, 0.3544
Android (android.graphics.Color)	4289119152 (0xFFA6C3B0)
YUV	184.1630, -4.0244, -15.9290
Hunter-Lab	70.9026, -15.6241, 9.0764

Details

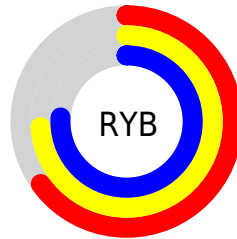
The Yxy color **50.2718, 0.3037, 0.3544** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3884, 0.3230, 0.3049**, and the grayscale version is **48.0576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8192, 0.3049, 0.3497**, and **24.0824, 0.3007, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **47.8405, 0.2978, 0.3741**, and if you desaturate by 10%, it is **53.0746, 0.3098, 0.3368**.

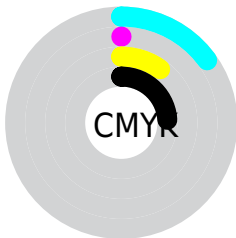
Distribution



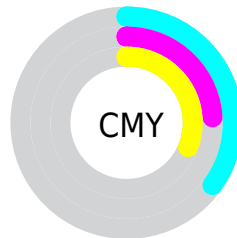
- Red (65%)
- Green (76%)
- Blue (69%)



- Red (65%)
- Yellow (74%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2718, 0.3037, 0.3544 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 50.2718, 0.3037, 0.3544 by changing the saturation by 10% instead.


 50.2718, 0.3037,
0.3544

 50.2718, 0.3037,
0.3544

387.7279, 0.3083,
0.3416

 35.6294, 0.3025,
0.3576


 90.5775, 0.3054,
0.3497

 24.1481, 0.3010,
0.3618


 117.0095, 0.3060,
0.3480

 15.4435, 0.2990,
0.3673


148.1402, 0.3065,
0.3465

 9.1313, 0.2962,
0.3751

184.3541, 0.3070,
0.3453

 4.8269, 0.2919,
0.3869

226.0353, 0.3074,
0.3442

 2.1461, 0.2845,
0.4066

273.5685, 0.3077,

 0.6903, 0.2458,

0.3432

0.5194

327.3379, 0.3080,
0.3424

0.0000, 0.0000,
0.0000

50.2718, 0.3037,
0.3544

50.2718, 0.3037,
0.3544

47.8405, 0.2978,
0.3741

53.0746, 0.3098,
0.3368

45.7588, 0.2924,
0.3957

56.2573, 0.3158,
0.3212

44.0119, 0.2876,
0.4191


59.8359, 0.3218,
0.3075

42.5816, 0.2839,
0.4439


63.8235, 0.3275,
0.2956


41.4479, 0.2815,
0.4693

66.5797, 0.3264,
0.2842

 40.5885, 0.2807,
0.4943

 67.3672, 0.3171,
0.2723

 39.9775, 0.2816,
0.5180

 67.5101, 0.3155,
0.2703

 39.5840, 0.2843,
0.5393

 39.4357, 0.2859,
0.5492

Harmonies

Analogous

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



50.2718, 0.3241, 0.3639



50.2718, 0.3037, 0.3544



50.2718, 0.2861, 0.3374

Triad

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



50.2718, 0.3037, 0.3544



50.2718, 0.2838, 0.2956



50.2718, 0.3512, 0.3375

Complementary

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



50.2718, 0.3037, 0.3544



42.3884, 0.3230, 0.3049

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.



50.2718, 0.3397, 0.3202



50.2718, 0.3037, 0.3544



50.2718, 0.3004, 0.2966

Square

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



50.2718, 0.3037, 0.3544



50.2718, 0.2749, 0.3034



50.2718, 0.3209, 0.3055



50.2718, 0.3519, 0.3533

Rectangle

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



50.2718, 0.3037, 0.3544



50.2718, 0.2782, 0.3246



50.2718, 0.3209, 0.3055



50.2718, 0.3484, 0.3317

Sweetspot

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



50.2739, 0.3037, 0.3544



95.4863, 0.3102, 0.3355



52.1411, 0.3266, 0.3663



20.8202, 0.3098, 0.3368



0.0000, 0.0000, 0.0000



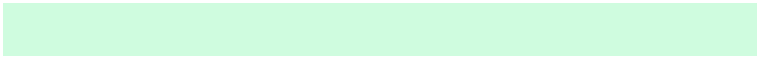
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2739, 0.3037, 0.3544



88.4782, 0.3017, 0.3609



50.8651, 0.2937, 0.3353



11.3147, 0.3070, 0.3445



25.6455, 0.2852, 0.5467



1.1211, 0.2721, 0.4994

Inverse Universe

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



42.3884, 0.3230, 0.3049



71.5141, 0.3258, 0.2991



41.8187, 0.3357, 0.3228



10.1868, 0.3189, 0.3140



8.5695, 0.4300, 0.2143



0.3828, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 50.2718, 0.3037, 0.3544 looks on a white background.

Color Contrast Check

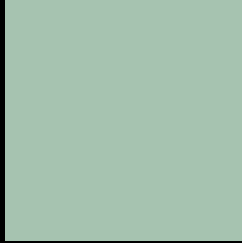
Large Text (above 18pt) WCAG AA × Fail

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 50.2718, 0.3037, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

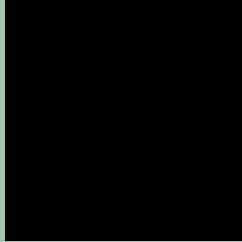
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

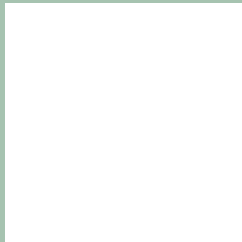
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2718, 0.3037, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 50.2718, 0.3037, 0.3544.



This preview shows how white text looks on a background with the Yxy color 50.2718, 0.3037, 0.3544.

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

50.2718, 0.3037, 0.3544

Protanopia

50.1213, 0.3313, 0.3480

Deuteranopia

49.8577, 0.3388, 0.3315



Tritanopia

50.3758, 0.2864, 0.3098

Trichromacy



Original Color

50.2718, 0.3037, 0.3544

Protanomaly

50.0344, 0.3208, 0.3510

Deuteranomaly

49.6696, 0.3249, 0.3391

Tritanomaly

50.0744, 0.2925, 0.3250

Monochromacy



Original Color

50.2718, 0.3037, 0.3544

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6497, 0.3090, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2718, 0.3037, 0.3544 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(166, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(166, 195, 176)  
}
```

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(166, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 195, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.2718, 0.3037, 0.3544 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(166, 195, 176) }
```

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

```
.border{ border-color:rgb(166, 195, 176) }
```

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

Here you see how a box with a 4 pixel rgb(166, 195, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(166, 195,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2718, 0.3037, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 195, 176) }
```

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

```
.background{ background-color: rgb(166,  
195, 176) }
```

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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