

Converting Colors

$Yxy(47.6683, 0.2688, 0.3041)$

Have a look what the booklet for
Yxy(47.6683, 0.2688, 0.3041)
contains.

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Color

Yxy(47.7705, 0.2694, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	95BED0
RGB	149, 190, 208
RGB Percent	58%, 75%, 82%
CMY	0.4156, 0.2549, 0.1844
CMYK	0.28, 0.09, 0.00, 0.18
HSL	198°, 39%, 70%
HSV	198°, 28%, 82%
XYZ	42.1947, 47.7705, 66.6594
YIQ	179.7930, -30.2140, -3.0940

Conversions

Conversions Part 2

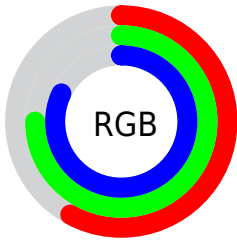
Format	Color
RYB	149, 173, 208
Decimal	9813712
CIELab	74.68, -9.44, -13.48
CIELCh	75, 16.453, 235.004
Yxy	47.7705, 0.2694, 0.3050
Android (android.graphics.Color)	4288003792 (0xFF95BED0)
YUV	179.7930, 13.9061, -27.0055
Hunter-Lab	69.1162, -11.9811, -8.8012

Details

The Yxy color **47.7705, 0.2694, 0.3050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2197, 0.3683, 0.3517**, and the grayscale version is **45.4644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9689, 0.2821, 0.3195**, and **22.7112, 0.2571, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **43.2985, 0.2548, 0.2951**, and if you desaturate by 10%, it is **52.7153, 0.2845, 0.3142**.

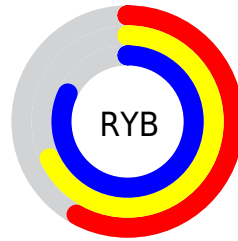
Distribution



Red (58%)

Green (75%)

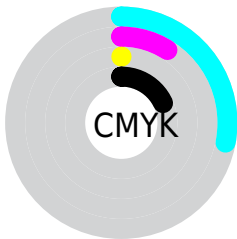
Blue (82%)



Red (58%)

Yellow (68%)

Blue (82%)

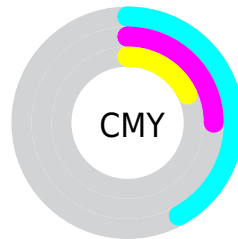


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7705, 0.2694, 0.3050 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 47.7705, 0.2694, 0.3050 by changing the saturation by 10% instead.


 47.7705, 0.2694,
0.3050

 47.7705, 0.2694,
0.3050


377.8817, 0.2907,
0.3172

 33.6452, 0.2642,
0.3019


 86.8626, 0.2770,
0.3095

 22.6211, 0.2577,
0.2979


 112.5982, 0.2799,
0.3111

 14.3140, 0.2491,
0.2926


142.9726, 0.2824,
0.3125

 8.3394, 0.2374,
0.2851

178.3703, 0.2845,
0.3137

 4.3129, 0.2206,
0.2740

219.1757, 0.2863,
0.3148

 1.8501, 0.1946,
0.2556

265.7731, 0.2879,

 0.5181, 0.1094,

0.3157

0.2164

318.5470, 0.2894,
0.3165

0.0000, 0.0000,
0.0000

47.7705, 0.2694,
0.3050

47.7705, 0.2694,
0.3050

43.2985, 0.2548,
0.2951

52.7153, 0.2845,
0.3142

39.2736, 0.2411,
0.2845

58.1457, 0.2999,
0.3226

35.6756, 0.2286,
0.2734

64.0814, 0.3152,
0.3302

32.4806, 0.2178,
0.2619

70.5388, 0.3303,
0.3370

29.6613, 0.2088,
0.2503

77.5336, 0.3449,
0.3431

■ 27.1860, 0.2018,
0.2387

■ 81.3354, 0.3452,
0.3493

■ 25.0076, 0.1967,
0.2273

■ 84.8917, 0.3441,
0.3555

■ 24.6645, 0.1960,
0.2255

■ 88.5773, 0.3430,
0.3617

■ 92.3937, 0.3419,
0.3677

Harmonies

Analogous

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



47.7705, 0.2740, 0.3240



47.7705, 0.2694, 0.3050



47.7705, 0.2758, 0.2934

Triad

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



47.7705, 0.2694, 0.3050



47.7705, 0.3366, 0.3131



47.7705, 0.3327, 0.3695

Complementary

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



47.7705, 0.2694, 0.3050



43.2197, 0.3683, 0.3517

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.



47.7705, 0.3505, 0.3647



47.7705, 0.2694, 0.3050



47.7705, 0.3529, 0.3319

Square

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



47.7705, 0.2694, 0.3050



47.7705, 0.3141, 0.2985



47.7705, 0.3580, 0.3507



47.7705, 0.3101, 0.3625

Rectangle

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



47.7705, 0.2694, 0.3050



47.7705, 0.2856, 0.2909



47.7705, 0.3580, 0.3507



47.7705, 0.3395, 0.3691

Sweetspot

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



47.7724, 0.2694, 0.3050



91.5188, 0.2987, 0.3220



54.2751, 0.2974, 0.3853



19.3087, 0.2965, 0.3208



0.0000, 0.0000, 0.0000



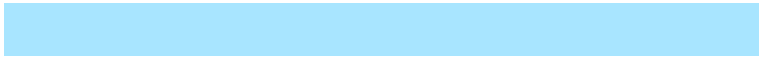
21.4041, 0.3127, 0.3290

Same Dimension

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



47.7724, 0.2694, 0.3050



71.3700, 0.2605, 0.2991



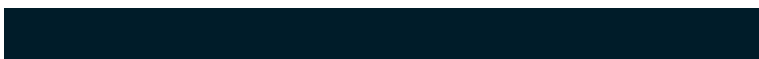
36.3720, 0.2652, 0.2643



12.7730, 0.2983, 0.3217



15.5526, 0.1964, 0.2271



1.0061, 0.2022, 0.2480

Inverse Universe

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



38.6289, 0.3327, 0.2791



55.0084, 0.3382, 0.2681



55.1448, 0.3588, 0.3863



11.9451, 0.3184, 0.3130



9.6413, 0.4157, 0.2064



0.5529, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 47.7705, 0.2694, 0.3050 looks on a white background.

Color Contrast Check

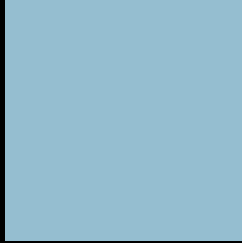
Large Text (above 18pt) WCAG AA × Fail

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 47.7705, 0.2694, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

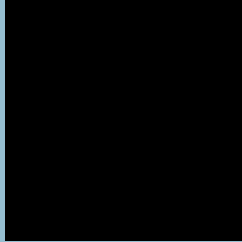
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7705, 0.2694, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 47.7705, 0.2694, 0.3050.



This preview shows how white text looks on a background with the Yxy color 47.7705, 0.2694, 0.3050.

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

47.7705, 0.2694, 0.3050

Protanopia

47.5915, 0.2959, 0.3024

Deuteranopia

47.5847, 0.2963, 0.2907



Tritanopia

47.6727, 0.2706, 0.3076

Trichromacy



Original Color

47.7705, 0.2694, 0.3050

Protanomaly

47.5407, 0.2852, 0.3031

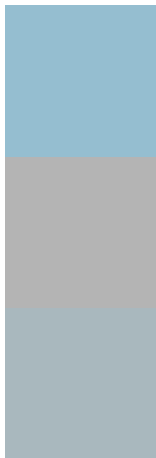
Deuteranomaly

47.4691, 0.2861, 0.2959

Tritanomaly

47.7215, 0.2700, 0.3063

Monochromacy



Original Color

47.7705, 0.2694, 0.3050

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.4337, 0.2959, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7705, 0.2694, 0.3050 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(149, 190, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 190, 208)  
}
```

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(149, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 190, 208) }
```

Border

The CSS property to change the border of an element to Yxy 47.7705, 0.2694, 0.3050 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(149, 190, 208) }
```

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

```
.border{ border-color:rgb(149, 190, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 190, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 190, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 190, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 190,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7705, 0.2694, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 190, 208) }
```

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

```
.background{ background-color: rgb(149,  
190, 208) }
```

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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