

Converting Colors

$Yxy(48.7421, 0.2751, 0.3113)$

Have a look what the booklet for
Yxy(48.7421, 0.2751, 0.3113)
contains.

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Color

Yxy(48.5394, 0.2748, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	9ABFCD
RGB	154, 191, 205
RGB Percent	60%, 75%, 80%
CMY	0.3962, 0.2509, 0.1961
CMYK	0.25, 0.07, 0.00, 0.20
HSL	196°, 34%, 70%
HSV	196°, 25%, 80%
XYZ	42.9724, 48.5394, 64.8652
YIQ	181.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

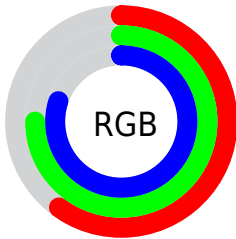
Format	Color
RYB	154, 175, 205
Decimal	10141645
CIELab	75.16, -9.19, -11.11
CIELCh	75, 14.418, 230.385
Yxy	48.5394, 0.2748, 0.3104
Android (android.graphics.Color)	4288331725 (0xFF9ABFCD)
YUV	181.5330, 11.5692, -24.1464
Hunter-Lab	69.6702, -11.8246, -6.4317

Details

The Yxy color **48.5394, 0.2748, 0.3104** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3042, 0.3605, 0.3468**, and the grayscale version is **46.4570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2968, 0.2850, 0.3206**, and **23.2361, 0.2649, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **44.2938, 0.2602, 0.3018**, and if you desaturate by 10%, it is **53.2266, 0.2899, 0.3184**.

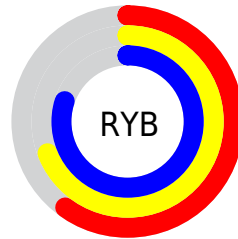
Distribution



Red (60%)

Green (75%)

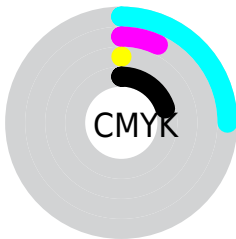
Blue (80%)



Red (60%)

Yellow (69%)

Blue (80%)

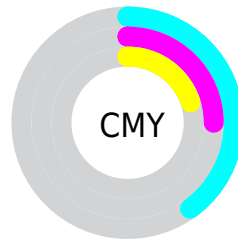


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (25%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5394, 0.2748, 0.3104 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 48.5394, 0.2748, 0.3104 by changing the saturation by 10% instead.


 48.5394, 0.2748,
0.3104

 48.5394, 0.2748,
0.3104


380.9262, 0.2934,
0.3199

 34.2542, 0.2703,
0.3080


 88.0070, 0.2815,
0.3139

 23.0890, 0.2645,
0.3049


 113.9582, 0.2840,
0.3152

 14.6592, 0.2570,
0.3008


144.5669, 0.2862,
0.3162

 8.5806, 0.2467,
0.2949

180.2174, 0.2880,
0.3172

 4.4686, 0.2319,
0.2862

221.2942, 0.2896,
0.3180

 1.9390, 0.2087,
0.2716

268.1817, 0.2910,

 0.5717, 0.1353,

0.3187

0.2424

321.2642, 0.2923,
0.3193

0.0000, 0.0000,
0.0000

48.5394, 0.2748,
0.3104

48.5394, 0.2748,
0.3104

44.2938, 0.2602,
0.3018

53.2266, 0.2899,
0.3184

40.4653, 0.2465,
0.2925

58.3667, 0.3052,
0.3257

37.0359, 0.2340,
0.2828

63.9778, 0.3205,
0.3323

33.9836, 0.2230,
0.2727

70.0753, 0.3355,
0.3382

31.2837, 0.2138,
0.2624

76.3935, 0.3490,
0.3434

■ 28.9078, 0.2065,
0.2521

■ 79.3787, 0.3479,
0.3491

■ 26.8215, 0.2013,
0.2418

■ 82.4640, 0.3468,
0.3546

■ 25.8364, 0.1991,
0.2367

■ 85.6502, 0.3458,
0.3601

■ 88.9383, 0.3448,
0.3655

Harmonies

Analogous

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



48.5394, 0.2804, 0.3276



48.5394, 0.2748, 0.3104



48.5394, 0.2790, 0.2990

Triad

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



48.5394, 0.2748, 0.3104



48.5394, 0.3307, 0.3128



48.5394, 0.3330, 0.3642

Complementary

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



48.5394, 0.2748, 0.3104



43.3042, 0.3605, 0.3468

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.



48.5394, 0.3473, 0.3588



48.5394, 0.2748, 0.3104



48.5394, 0.3461, 0.3290

Square

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



48.5394, 0.2748, 0.3104



48.5394, 0.3108, 0.3008



48.5394, 0.3522, 0.3457



48.5394, 0.3136, 0.3596

Rectangle

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



48.5394, 0.2748, 0.3104



48.5394, 0.2868, 0.2958



48.5394, 0.3522, 0.3457



48.5394, 0.3386, 0.3634

Sweetspot

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



48.5414, 0.2748, 0.3104



93.6869, 0.3019, 0.3242



53.3442, 0.3004, 0.3798



19.9402, 0.3009, 0.3237



0.0000, 0.0000, 0.0000



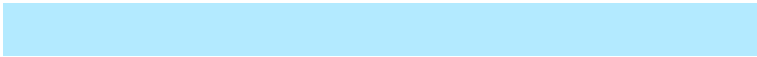
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5414, 0.2748, 0.3104



75.6024, 0.2667, 0.3057



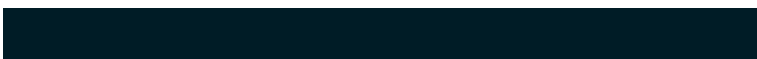
38.5029, 0.2718, 0.2757



12.1865, 0.2983, 0.3225



16.2487, 0.1995, 0.2381



0.9608, 0.2050, 0.2580

Inverse Universe

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



39.8429, 0.3283, 0.2835



59.2419, 0.3326, 0.2732



53.4953, 0.3532, 0.3772



11.3492, 0.3179, 0.3123



9.4433, 0.4042, 0.2000



0.4995, 0.3844, 0.1891

Previews

White Background



This preview shows how the Yxy color 48.5394, 0.2748, 0.3104 looks on a white background.

Color Contrast Check

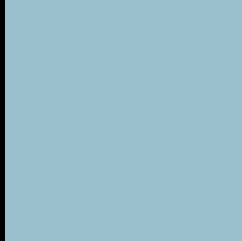
Large Text (above 18pt) WCAG AA × Fail

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 48.5394, 0.2748, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

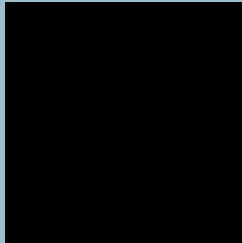
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

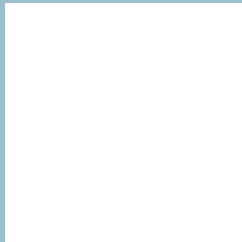
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5394, 0.2748, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 48.5394, 0.2748, 0.3104.



This preview shows how white text looks on a background with the Yxy color 48.5394, 0.2748, 0.3104.

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

48.5394, 0.2748, 0.3104

Protanopia

48.1044, 0.2997, 0.3075

Deuteranopia

48.3540, 0.3018, 0.2958



Tritanopia

48.5879, 0.2742, 0.3091

Trichromacy



Original Color

48.5394, 0.2748, 0.3104

Protanomaly

48.1527, 0.2896, 0.3083

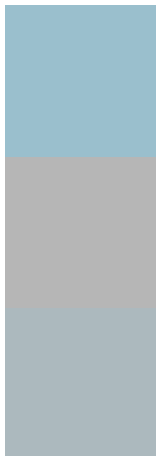
Deuteranomaly

48.2022, 0.2914, 0.3011

Tritanomaly

48.5879, 0.2742, 0.3091

Monochromacy



Original Color

48.5394, 0.2748, 0.3104

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1863, 0.2983, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5394, 0.2748, 0.3104 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(154, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(154, 191, 205)  
}
```

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(154, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 191, 205) }
```

Border

The CSS property to change the border of an element to Yxy 48.5394, 0.2748, 0.3104 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(154, 191, 205) }
```

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

```
.border{ border-color:rgb(154, 191, 205) }
```

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

Here you see how a box with a 4 pixel rgb(154, 191, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(154, 191,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5394, 0.2748, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 191, 205) }
```

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

```
.background{ background-color: rgb(154,  
191, 205) }
```

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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