

Converting Colors

$Yxy(48.3384, 0.2668, 0.3156)$

Have a look what the booklet for
Yxy(48.3384, 0.2668, 0.3156)
contains.

Yxy(48.4708, 0.2671, 0.3167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.4708, 0.2671, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	8CC2CB
RGB	140, 194, 203
RGB Percent	55%, 76%, 80%
CMY	0.4512, 0.2392, 0.2039
CMYK	0.31, 0.04, 0.00, 0.20
HSL	189°, 38%, 67%
HSV	189°, 31%, 80%
XYZ	40.8795, 48.4708, 63.6992
YIQ	178.8800, -35.0730, -8.6490

Conversions

Conversions Part 2

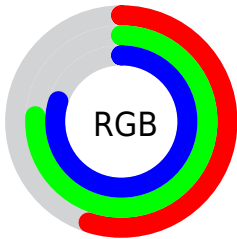
Format	Color
RYB	140, 169, 203
Decimal	9224907
CIELab	75.12, -15.34, -10.17
CIELCh	75, 18.404, 213.531
Yxy	48.4708, 0.2671, 0.3167
Android (android.graphics.Color)	4287414987 (0xFF8CC2CB)
YUV	178.8800, 11.8912, -34.0978
Hunter-Lab	69.6210, -17.0264, -5.5123

Details

The Yxy color **48.4708, 0.2671, 0.3167** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0621, 0.3790, 0.3409**, and the grayscale version is **44.9571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8165, 0.2775, 0.3247**, and **22.9523, 0.2547, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **45.5945, 0.2542, 0.3121**, and if you desaturate by 10%, it is **51.7013, 0.2811, 0.3210**.

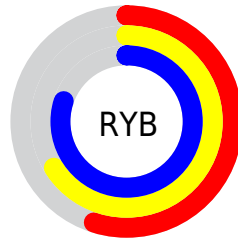
Distribution



Red (55%)

Green (76%)

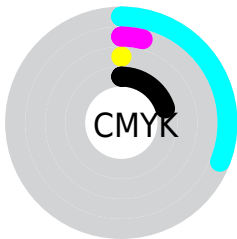
Blue (80%)



Red (55%)

Yellow (66%)

Blue (80%)

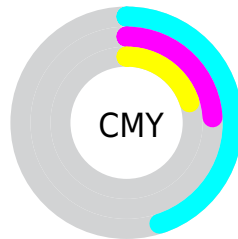


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (45%)


Magenta (24%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4708, 0.2671, 0.3167 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 48.4708, 0.2671, 0.3167 by changing the saturation by 10% instead.


 48.4708, 0.2671,
0.3167

 48.4708, 0.2671,
0.3167


380.6552, 0.2894,
0.3232


 34.1999, 0.2617,
0.3150


 87.9050, 0.2751,
0.3191

 23.0472, 0.2548,
0.3127

 113.8370, 0.2781,
0.3200

 14.6284, 0.2458,
0.3097


 144.4248, 0.2807,
0.3208

 8.5590, 0.2336,
0.3052

180.0529, 0.2829,
0.3214

 4.4547, 0.2161,
0.2983

221.1056, 0.2849,
0.3219

 1.9310, 0.1890,
0.2863

267.9673, 0.2866,

 0.5669, 0.0780,

0.3224

0.2691

321.0224, 0.2881,
0.3228

0.0000, 0.0000,
0.0000

48.4708, 0.2671,
0.3167

48.4708, 0.2671,
0.3167

45.5945, 0.2542,
0.3121

51.7013, 0.2811,
0.3210

43.0486, 0.2427,
0.3074

55.2968, 0.2958,
0.3250

40.8151, 0.2329,
0.3024

59.2749, 0.3111,
0.3286

38.8720, 0.2248,
0.2974

63.6501, 0.3265,
0.3319

37.1941, 0.2187,
0.2923

68.4364, 0.3420,
0.3349

■ 35.7515, 0.2145,
0.2873

■ 72.3442, 0.3520,
0.3377

■ 34.6119, 0.2119,
0.2829

■ 73.7977, 0.3514,
0.3406

■ 75.2773, 0.3508,
0.3435

■ 76.7830, 0.3502,
0.3464

Harmonies

Analogous

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



48.4708, 0.2804, 0.3406



48.4708, 0.2671, 0.3167



48.4708, 0.2655, 0.2976

Triad

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



48.4708, 0.2671, 0.3167



48.4708, 0.3216, 0.2991



48.4708, 0.3500, 0.3715

Complementary

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



48.4708, 0.2671, 0.3167



36.0621, 0.3790, 0.3409

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.



48.4708, 0.3622, 0.3581



48.4708, 0.2671, 0.3167



48.4708, 0.3455, 0.3169

Square

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



48.4708, 0.2671, 0.3167



48.4708, 0.2961, 0.2885



48.4708, 0.3606, 0.3382



48.4708, 0.3280, 0.3733

Rectangle

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



48.4708, 0.2671, 0.3167



48.4708, 0.2711, 0.2898



48.4708, 0.3606, 0.3382



48.4708, 0.3554, 0.3681

Sweetspot

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



48.4727, 0.2671, 0.3167



93.8354, 0.2988, 0.3257



50.4315, 0.3030, 0.4071



19.8822, 0.2965, 0.3252



0.0000, 0.0000, 0.0000



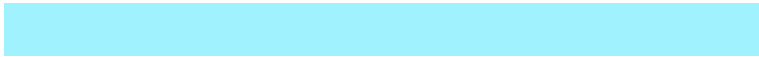
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4727, 0.2671, 0.3167



78.0009, 0.2587, 0.3138



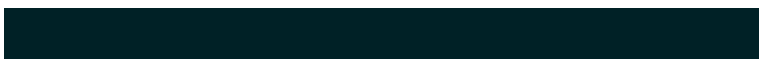
36.1011, 0.2620, 0.2726



12.4439, 0.2983, 0.3256



22.1293, 0.2121, 0.2836



1.2182, 0.2148, 0.2933

Inverse Universe

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



35.3334, 0.3249, 0.2624



53.0117, 0.3279, 0.2488



47.1825, 0.3672, 0.3795



11.3752, 0.3159, 0.3094



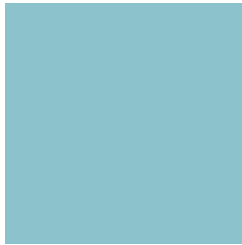
10.0370, 0.3602, 0.1758



0.5255, 0.3514, 0.1709

Previews

White Background



This preview shows how the Yxy color 48.4708, 0.2671, 0.3167 looks on a white background.

Color Contrast Check

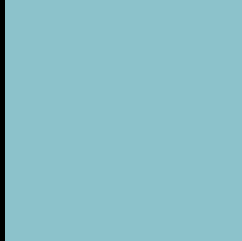
Large Text (above 18pt) WCAG AA × Fail

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 48.4708, 0.2671, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

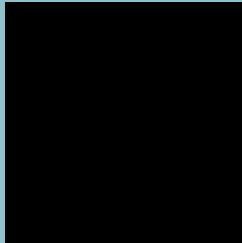
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

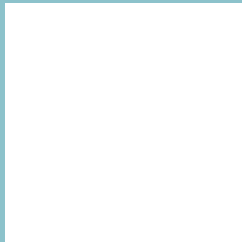
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4708, 0.2671, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 48.4708, 0.2671, 0.3167.



This preview shows how white text looks on a background with the Yxy color 48.4708, 0.2671, 0.3167.

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

48.4708, 0.2671, 0.3167

Protanopia

48.0428, 0.3035, 0.3125

Deuteranopia

47.9029, 0.3025, 0.2958



Tritanopia

48.4061, 0.2640, 0.3075

Trichromacy



Original Color

48.4708, 0.2671, 0.3167

Protanomaly

47.9890, 0.2887, 0.3133

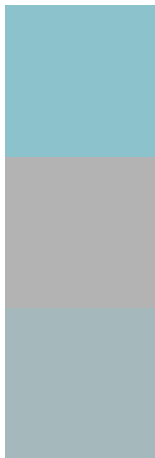
Deuteranomaly

47.5730, 0.2882, 0.3020

Tritanomaly

48.3076, 0.2652, 0.3101

Monochromacy



Original Color

48.4708, 0.2671, 0.3167

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9112, 0.2941, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4708, 0.2671, 0.3167 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(140, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(140, 194, 203)  
}
```

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(140, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 194, 203) }
```

Border

The CSS property to change the border of an element to Yxy 48.4708, 0.2671, 0.3167 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(140, 194, 203) }
```

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

```
.border{ border-color:rgb(140, 194, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(140, 194,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4708, 0.2671, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 194, 203) }
```

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

```
.background{ background-color: rgb(140,  
194, 203) }
```

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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