

Converting Colors

$Yxy(48.7263, 0.2888, 0.3403)$

Have a look what the booklet for
Yxy(48.7263, 0.2888, 0.3403)
contains.

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Color

Yxy(48.6113, 0.2890, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	9BC1B9
RGB	155, 193, 185
RGB Percent	61%, 76%, 73%
CMY	0.3922, 0.2431, 0.2745
CMYK	0.20, 0.00, 0.04, 0.24
HSL	167°, 23%, 68%
HSV	167°, 20%, 76%
XYZ	41.3439, 48.6113, 53.1033
YIQ	180.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

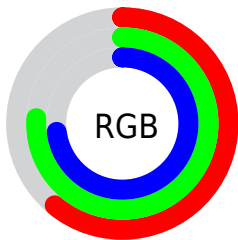
Format	Color
RYB	155, 176, 193
Decimal	10207673
CIELab	75.21, -14.30, -0.17
CIELCh	75, 14.298, 180.689
Yxy	48.6113, 0.2890, 0.3398
Android (android.graphics.Color)	4288397753 (0xFF9BC1B9)
YUV	180.7260, 2.1071, -22.5617
Hunter-Lab	69.7218, -16.1655, 3.6473

Details

The Yxy color **48.6113, 0.2890, 0.3398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4242, 0.3432, 0.3185**, and the grayscale version is **46.0500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4237, 0.2933, 0.3384**, and **23.0147, 0.2823, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **46.6847, 0.2780, 0.3460**, and if you desaturate by 10%, it is **50.8520, 0.3008, 0.3341**.

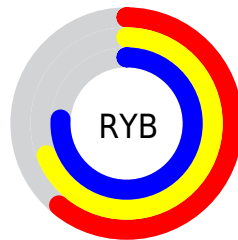
Distribution



Red (61%)

Green (76%)

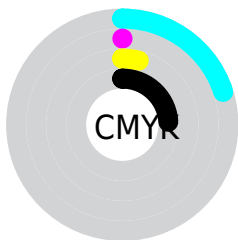
Blue (73%)



Red (61%)

Yellow (69%)

Blue (76%)

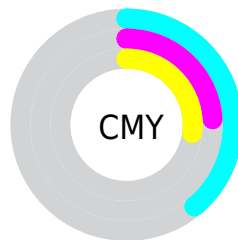


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (39%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6113, 0.2890, 0.3398 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 48.6113, 0.2890, 0.3398 by changing the saturation by 10% instead.


 48.6113, 0.2890,
0.3398


 48.6113, 0.2890,
0.3398


381.2101, 0.3008,
0.3345

 34.3112, 0.2861,
0.3411


 88.1139, 0.2933,
0.3379

 23.1328, 0.2824,
0.3428


 114.0852, 0.2949,
0.3371

 14.6916, 0.2775,
0.3450


144.7157, 0.2962,
0.3365

 8.6032, 0.2706,
0.3481

180.3898, 0.2974,
0.3360

 4.4833, 0.2606,
0.3526

221.4919, 0.2984,
0.3355

 1.9474, 0.2443,
0.3600

268.4064, 0.2993,

 0.5767, 0.1406,

0.3351

0.4073

321.5176, 0.3001,
0.3348

0.0000, 0.0000,
0.0000

48.6113, 0.2890,
0.3398

48.6113, 0.2890,
0.3398

46.6847, 0.2780,
0.3460

50.8520, 0.3008,
0.3341

45.0517, 0.2682,
0.3527

53.4144, 0.3131,
0.3288

43.6986, 0.2597,
0.3598

56.3132, 0.3257,
0.3242

42.6083, 0.2528,
0.3672

59.5605, 0.3384,
0.3200

41.7617, 0.2478,
0.3748

63.1676, 0.3510,
0.3163

■ 41.1371, 0.2447,
0.3825

■ 64.0247, 0.3505,
0.3123

■ 40.7089, 0.2435,
0.3902

■ 64.2291, 0.3472,
0.3081

■ 40.4291, 0.2439,
0.3978

■ 64.4386, 0.3440,
0.3041

■ 40.4212, 0.2439,
0.3980

■ 64.6534, 0.3408,
0.3000

Harmonies

Analogous

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



48.6113, 0.3068, 0.3555



48.6113, 0.2890, 0.3398



48.6113, 0.2777, 0.3214

Triad

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



48.6113, 0.2890, 0.3398



48.6113, 0.2981, 0.2968



48.6113, 0.3514, 0.3506

Complementary

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



48.6113, 0.2890, 0.3398



37.4242, 0.3432, 0.3185

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.



48.6113, 0.3490, 0.3348



48.6113, 0.2890, 0.3398



48.6113, 0.3178, 0.3045

Square

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



48.6113, 0.2890, 0.3398



48.6113, 0.2828, 0.2971



48.6113, 0.3366, 0.3181



48.6113, 0.3430, 0.3614

Rectangle

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



48.6113, 0.2890, 0.3398



48.6113, 0.2751, 0.3104



48.6113, 0.3366, 0.3181



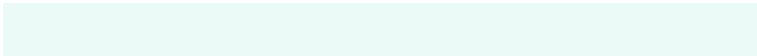
48.6113, 0.3518, 0.3457

Sweetspot

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



48.6133, 0.2890, 0.3398



92.6548, 0.3052, 0.3321



48.3197, 0.3169, 0.3814



19.8143, 0.3044, 0.3325



97.7402, 0.3127, 0.3290



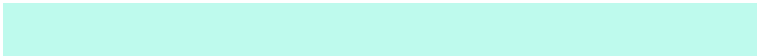
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6133, 0.2890, 0.3398



85.3768, 0.2837, 0.3427



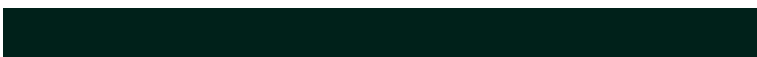
44.3715, 0.2827, 0.3142



11.3910, 0.3012, 0.3339



26.8953, 0.2436, 0.3970



1.1714, 0.2389, 0.3800

Inverse Universe

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



37.4242, 0.3432, 0.3185



61.3900, 0.3525, 0.3159



40.8920, 0.3484, 0.3433



10.1118, 0.3257, 0.3242



7.6552, 0.6023, 0.3092



0.3411, 0.5395, 0.2746

Previews

White Background



This preview shows how the Yxy color 48.6113, 0.2890, 0.3398 looks on a white background.

Color Contrast Check

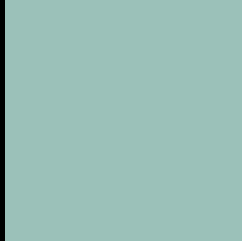
Large Text (above 18pt) WCAG AA × Fail

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 48.6113, 0.2890, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

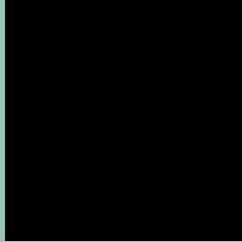
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

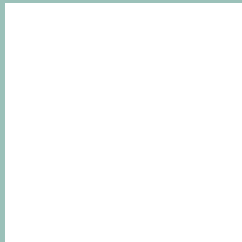
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6113, 0.2890, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 48.6113, 0.2890, 0.3398.



This preview shows how white text looks on a background with the Yxy color 48.6113, 0.2890, 0.3398.

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

48.6113, 0.2890, 0.3398

Protanopia

48.3951, 0.3201, 0.3341

Deuteranopia

48.2885, 0.3245, 0.3180



Tritanopia

48.6056, 0.2782, 0.3093

Trichromacy



Original Color

48.6113, 0.2890, 0.3398

Protanomaly

48.2652, 0.3083, 0.3355

Deuteranomaly

48.0592, 0.3104, 0.3251

Tritanomaly

48.6079, 0.2823, 0.3196

Monochromacy



Original Color

48.6113, 0.2890, 0.3398

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8460, 0.3042, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6113, 0.2890, 0.3398 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(155, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 193, 185)  
}
```

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(155, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 193, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.6113, 0.2890, 0.3398 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(155, 193, 185) }
```

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

```
.border{ border-color:rgb(155, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 193,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6113, 0.2890, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 193, 185) }
```

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

```
.background{ background-color: rgb(155,  
193, 185) }
```

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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