

Converting Colors

$Yxy(48.7137, 0.2672, 0.3089)$

Have a look what the booklet for
Yxy(48.7137, 0.2672, 0.3089)
contains.

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Color

Yxy(48.7137, 0.2672, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	91C1D0
RGB	145, 193, 208
RGB Percent	57%, 76%, 82%
CMY	0.4312, 0.2432, 0.1844
CMYK	0.30, 0.07, 0.00, 0.18
HSL	194°, 40%, 69%
HSV	194°, 30%, 82%
XYZ	42.1376, 48.7137, 66.8493
YIQ	180.3580, -33.4230, -5.5110

Conversions

Conversions Part 2

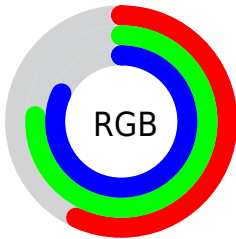
Format	Color
RYB	145, 172, 208
Decimal	9552336
CIELab	75.27, -12.16, -12.62
CIElCh	75, 17.526, 226.048
Yxy	48.7137, 0.2672, 0.3089
Android (android.graphics.Color)	4287742416 (0xFF91C1D0)
YUV	180.3580, 13.6275, -31.0090
Hunter-Lab	69.7952, -14.3755, -7.9308

Details

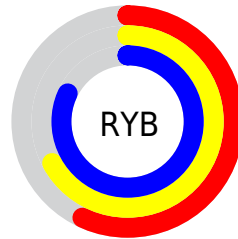
The Yxy color **48.7137, 0.2672, 0.3089** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6128, 0.3746, 0.3481**, and the grayscale version is **45.7889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2507, 0.2801, 0.3226**, and **23.0736, 0.2545, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **44.8407, 0.2534, 0.3011**, and if you desaturate by 10%, it is **53.0100, 0.2819, 0.3161**.

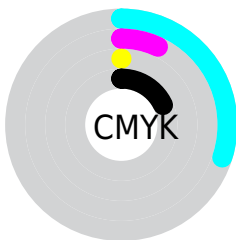
Distribution



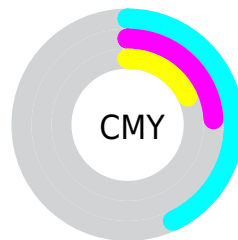
- Red (57%)
- Green (76%)
- Blue (82%)



- Red (57%)
- Yellow (67%)
- Blue (82%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)





- Cyan (43%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7137, 0.2672, 0.3089 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 48.7137, 0.2672, 0.3089 by changing the saturation by 10% instead.


 48.7137, 0.2672,
0.3089


 48.7137, 0.2672,
0.3089


381.6141, 0.2894,
0.3192

 34.3924, 0.2618,
0.3063


 88.2661, 0.2752,
0.3127

 23.1952, 0.2550,
0.3029

 114.2660, 0.2782,
0.3141

 14.7377, 0.2461,
0.2983

144.9275, 0.2808,
0.3153

 8.6355, 0.2340,
0.2918

180.6352, 0.2830,
0.3163

 4.5042, 0.2168,
0.2821

221.7732, 0.2849,
0.3172

 1.9594, 0.1903,
0.2658

268.7262, 0.2866,

 0.5837, 0.1043,

0.3179

0.2361

321.8783, 0.2881,
0.3186

0.0000, 0.0000,
0.0000

48.7137, 0.2672,
0.3089

48.7137, 0.2672,
0.3089

44.8407, 0.2534,
0.3011

53.0100, 0.2819,
0.3161

41.3655, 0.2406,
0.2929

57.7418, 0.2970,
0.3228

38.2686, 0.2294,
0.2844

62.9281, 0.3123,
0.3289

35.5262, 0.2199,
0.2756

68.5848, 0.3276,
0.3343

33.1114, 0.2122,
0.2668

74.7271, 0.3426,
0.3392

■ 30.9921, 0.2066,
0.2579

■ 78.4440, 0.3462,
0.3440

■ 29.1556, 0.2026,
0.2494

■ 81.1267, 0.3453,
0.3489

■ 83.8876, 0.3444,
0.3538

■ 86.7273, 0.3435,
0.3586

Harmonies

Analogous

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



48.7137, 0.2755, 0.3305



48.7137, 0.2672, 0.3089



48.7137, 0.2705, 0.2940

Triad

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



48.7137, 0.2672, 0.3089



48.7137, 0.3312, 0.3069



48.7137, 0.3403, 0.3716

Complementary

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



48.7137, 0.2672, 0.3089



40.6128, 0.3746, 0.3481

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.



48.7137, 0.3564, 0.3631



48.7137, 0.2672, 0.3089



48.7137, 0.3512, 0.3258

Square

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



48.7137, 0.2672, 0.3089



48.7137, 0.3068, 0.2936



48.7137, 0.3605, 0.3462



48.7137, 0.3172, 0.3680

Rectangle

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



48.7137, 0.2672, 0.3089



48.7137, 0.2789, 0.2893



48.7137, 0.3605, 0.3462



48.7137, 0.3467, 0.3700

Sweetspot

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



48.7156, 0.2672, 0.3089



92.4648, 0.2988, 0.3235



53.6605, 0.2992, 0.3958



19.5427, 0.2965, 0.3226



0.0000, 0.0000, 0.0000



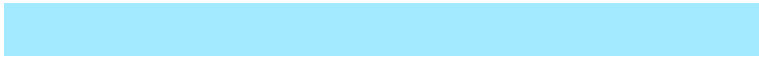
21.4041, 0.3127, 0.3290

Same Dimension

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



48.7156, 0.2672, 0.3089



73.3777, 0.2585, 0.3042



36.3610, 0.2623, 0.2652



12.9097, 0.2983, 0.3233



18.3290, 0.2030, 0.2507



1.1428, 0.2074, 0.2667

Inverse Universe

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



37.5254, 0.3303, 0.2708



53.4159, 0.3348, 0.2588



52.8064, 0.3635, 0.3855



11.9589, 0.3174, 0.3115



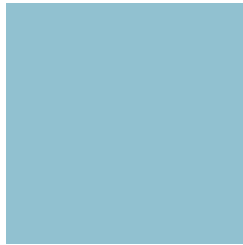
9.9216, 0.3916, 0.1931



0.5667, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 48.7137, 0.2672, 0.3089 looks on a white background.

Color Contrast Check

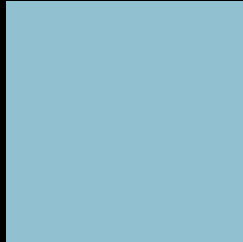
Large Text (above 18pt) WCAG AA × Fail

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 48.7137, 0.2672, 0.3089 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

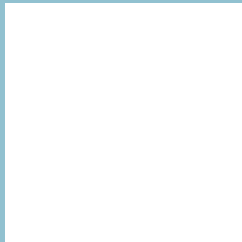
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7137, 0.2672, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 48.7137, 0.2672, 0.3089.



This preview shows how white text looks on a background with the Yxy color 48.7137, 0.2672, 0.3089.

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

48.7137, 0.2672, 0.3089

Protanopia

48.6125, 0.2982, 0.3063

Deuteranopia

48.4220, 0.2980, 0.2911



Tritanopia

48.7137, 0.2672, 0.3089

Trichromacy



Original Color

48.7137, 0.2672, 0.3089

Protanomaly

48.3353, 0.2860, 0.3070

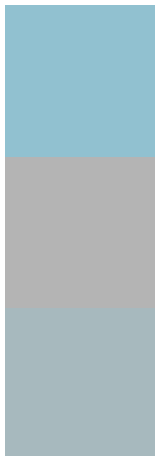
Deuteranomaly

48.3497, 0.2855, 0.2973

Tritanomaly

48.7137, 0.2672, 0.3089

Monochromacy



Original Color

48.7137, 0.2672, 0.3089

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.6311, 0.2943, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7137, 0.2672, 0.3089 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(145, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(145, 193, 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(145, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 193, 208) }
```

Border

The CSS property to change the border of an element to Yxy 48.7137, 0.2672, 0.3089 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(145, 193, 208) }
```

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

```
.border{ border-color:rgb(145, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(145, 193,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7137, 0.2672, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 193, 208) }
```

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

```
.background{ background-color: rgb(145,  
193, 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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