

Converting Colors

$Yxy(51.0404, 0.2693, 0.3240)$

Have a look what the booklet for
Yxy(51.0404, 0.2693, 0.3240)
contains.

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Color

Yxy(50.9094, 0.2692, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	8EC7CB
RGB	142, 199, 203
RGB Percent	56%, 78%, 80%
CMY	0.4430, 0.2196, 0.2039
CMYK	0.30, 0.02, 0.00, 0.20
HSL	184°, 37%, 68%
HSV	184°, 30%, 80%
XYZ	42.3642, 50.9094, 64.0971
YIQ	182.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

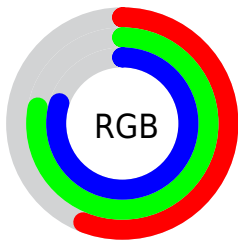
Format	Color
RYB	142, 171, 203
Decimal	9357259
CIELab	76.62, -17.31, -7.92
CIELCh	77, 19.033, 204.596
Yxy	50.9094, 0.2692, 0.3235
Android (android.graphics.Color)	4287547339 (0xFF8EC7CB)
YUV	182.4130, 10.1494, -35.4422
Hunter-Lab	71.3508, -18.8805, -3.3168

Details

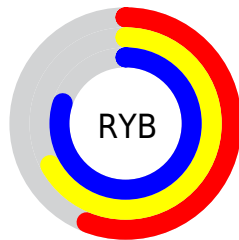
The Yxy color **50.9094, 0.2692, 0.3235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2273, 0.3779, 0.3344**, and the grayscale version is **46.9799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **24.5446, 0.2576, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **48.6635, 0.2568, 0.3214**, and if you desaturate by 10%, it is **53.4918, 0.2828, 0.3255**.

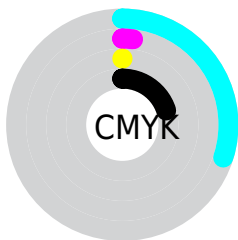
Distribution



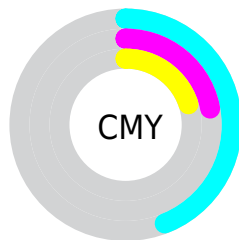
- Red (56%)
- Green (78%)
- Blue (80%)



- Red (56%)
- Yellow (67%)
- Blue (80%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)





- Cyan (44%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9094, 0.2692, 0.3235 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 50.9094, 0.2692, 0.3235 by changing the saturation by 10% instead.

 50.9094, 0.2692,
0.3235

 50.9094, 0.2692,
0.3235


390.2117, 0.2904,
0.3266

 36.1365, 0.2641,
0.3227


 91.5208, 0.2768,
0.3247

 24.5396, 0.2577,
0.3215


 118.1282, 0.2796,
0.3251

 15.7344, 0.2493,
0.3199


149.4491, 0.2821,
0.3254

 9.3364, 0.2379,
0.3176

185.8681, 0.2842,
0.3257

 4.9613, 0.2217,
0.3138

227.7694, 0.2860,
0.3260

 2.2245, 0.1968,
0.3070

275.5375, 0.2876,

 0.7333, 0.1137,

0.3262

0.3037

329.5568, 0.2891,
0.3264

0.0000, 0.0000,
0.0000

50.9094, 0.2692,
0.3235

50.9094, 0.2692,
0.3235

48.6635, 0.2568,
0.3214

53.4918, 0.2828,
0.3255

46.7302, 0.2460,
0.3193

56.4211, 0.2974,
0.3273

45.0921, 0.2369,
0.3171

59.7145, 0.3127,
0.3290

43.7276, 0.2297,
0.3148

63.3866, 0.3283,
0.3305

42.6119, 0.2244,
0.3126

67.4509, 0.3441,
0.3319

■ 41.7158, 0.2210,
0.3104

■ 70.2031, 0.3528,
0.3332

■ 40.9862, 0.2190,
0.3082

■ 70.8533, 0.3526,
0.3346

■ 71.5090, 0.3523,
0.3360

■ 72.1702, 0.3520,
0.3373

Harmonies

Analogous

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



50.9094, 0.2858, 0.3479



50.9094, 0.2692, 0.3235



50.9094, 0.2639, 0.3019

Triad

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



50.9094, 0.2692, 0.3235



50.9094, 0.3138, 0.2945



50.9094, 0.3556, 0.3692

Complementary

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



50.9094, 0.2692, 0.3235



35.2273, 0.3779, 0.3344

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.



50.9094, 0.3641, 0.3530



50.9094, 0.2692, 0.3235



50.9094, 0.3394, 0.3107

Square

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



50.9094, 0.2692, 0.3235



50.9094, 0.2888, 0.2865



50.9094, 0.3581, 0.3318



50.9094, 0.3356, 0.3750

Rectangle

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



50.9094, 0.2692, 0.3235



50.9094, 0.2672, 0.2921



50.9094, 0.3581, 0.3318



50.9094, 0.3600, 0.3647

Sweetspot

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



50.9114, 0.2692, 0.3235



94.9443, 0.2988, 0.3275



50.5172, 0.3066, 0.4115



20.1574, 0.2966, 0.3272



0.0000, 0.0000, 0.0000



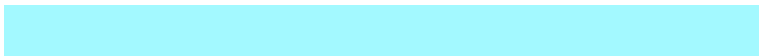
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9114, 0.2692, 0.3235



82.7534, 0.2611, 0.3222



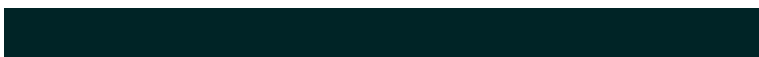
38.6210, 0.2646, 0.2821



12.5957, 0.2984, 0.3274



26.1340, 0.2190, 0.3085



1.3872, 0.2202, 0.3128

Inverse Universe

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



36.1802, 0.3199, 0.2594



54.3624, 0.3217, 0.2447



45.5358, 0.3669, 0.3717



11.3905, 0.3148, 0.3076



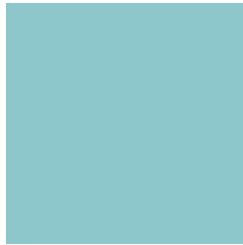
10.4412, 0.3380, 0.1636



0.5426, 0.3343, 0.1615

Previews

White Background



This preview shows how the Yxy color 50.9094, 0.2692, 0.3235 looks on a white background.

Color Contrast Check

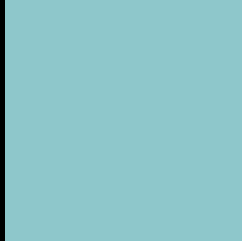
Large Text (above 18pt) WCAG AA × Fail

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 50.9094, 0.2692, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

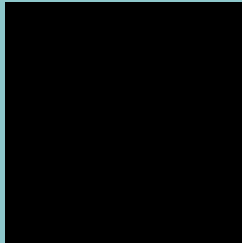
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9094, 0.2692, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 50.9094, 0.2692, 0.3235.



This preview shows how white text looks on a background with the Yxy color 50.9094, 0.2692, 0.3235.

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

50.9094, 0.2692, 0.3235

Protanopia

50.4733, 0.3083, 0.3178

Deuteranopia

50.3290, 0.3074, 0.3012



Tritanopia

50.6659, 0.2642, 0.3078

Trichromacy



Original Color

50.9094, 0.2692, 0.3235

Protanomaly

50.2694, 0.2927, 0.3187

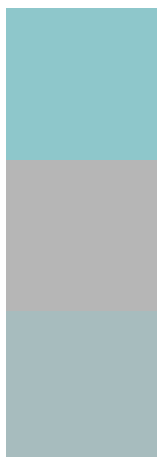
Deuteranomaly

50.2679, 0.2922, 0.3088

Tritanomaly

50.8313, 0.2661, 0.3143

Monochromacy



Original Color

50.9094, 0.2692, 0.3235

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.8996, 0.2944, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9094, 0.2692, 0.3235 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(142, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(142, 199, 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(142, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 199, 203) }
```

Border

The CSS property to change the border of an element to Yxy 50.9094, 0.2692, 0.3235 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(142, 199, 203) }
```

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

```
.border{ border-color:rgb(142, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 199, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 199, 203); box-shadow:4px 4px 4px 4px rgb(142, 199, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9094, 0.2692, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 199, 203) }
```

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

```
.background{ background-color: rgb(142,  
199, 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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