

Converting Colors

$Y_{xy}(52.9610, 0.2534, 0.3208)$

Have a look what the booklet for
Yxy(52.9610, 0.2534, 0.3208)
contains.

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Color

Yxy(52.9610, 0.2534, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	79CED4
RGB	121, 206, 212
RGB Percent	47%, 81%, 83%
CMY	0.5257, 0.1921, 0.1687
CMYK	0.43, 0.03, 0.00, 0.17
HSL	184°, 51%, 65%
HSV	184°, 43%, 83%
XYZ	41.8339, 52.9610, 70.2955
YIQ	181.2690, -52.5860, -16.1540

Conversions

Conversions Part 2

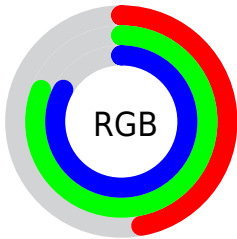
Format	Color
R_{YB}	121, 165, 212
Decimal	7982804
CIE _{Lab}	77.85, -24.20, -11.04
CIE _{LCh}	78, 26.600, 204.529
Yxy	52.9610, 0.2534, 0.3208
Android (android.graphics.Color)	4286172884 (0xFF79CED4)
YUV	181.2690, 15.1504, -52.8559
Hunter-Lab	72.7743, -24.7453, -6.3285

Details

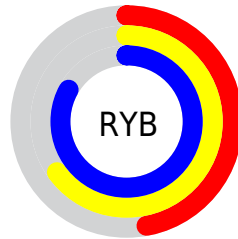
The Yxy color **52.9610, 0.2534, 0.3208** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.5361, 0.4211, 0.3368**, and the grayscale version is **46.2948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2050, 0.2691, 0.3289**, and **25.6575, 0.2386, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **50.9297, 0.2431, 0.3186**, and if you desaturate by 10%, it is **55.3388, 0.2654, 0.3229**.

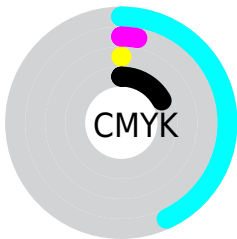
Distribution



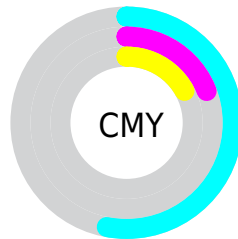
- Red (47%)
- Green (81%)
- Blue (83%)



- Red (47%)
- Yellow (65%)
- Blue (83%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)





- Cyan (53%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9610, 0.2534, 0.3208 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 52.9610, 0.2534, 0.3208 by changing the saturation by 10% instead.


 52.9610, 0.2534,
0.3208

 52.9610, 0.2534,
0.3208


398.1355, 0.2818,
0.3255


 37.7716, 0.2467,
0.3195


 94.5470, 0.2635,
0.3226

 25.8055, 0.2382,
0.3177

 121.7124, 0.2673,
0.3232

 16.6782, 0.2274,
0.3153


 153.6386, 0.2706,
0.3238

 10.0053, 0.2129,
0.3117

190.7100, 0.2735,
0.3242

 5.4025, 0.1928,
0.3059

233.3110, 0.2760,
0.3246

 2.4853, 0.1631,
0.2956

281.8260, 0.2782,

 0.8693, 0.0775,

0.3249

0.2862

336.6393, 0.2801,
0.3252

0.0000, 0.0000,
0.0000

52.9610, 0.2534,
0.3208

52.9610, 0.2534,
0.3208

50.9297, 0.2431,
0.3186

55.3388, 0.2654,
0.3229

49.2163, 0.2345,
0.3164

58.0773, 0.2787,
0.3249

47.7981, 0.2279,
0.3142

61.1970, 0.2930,
0.3268

46.6462, 0.2232,
0.3119

64.7155, 0.3082,
0.3285

45.7259, 0.2202,
0.3097

68.6490, 0.3238,
0.3301

■ 45.1739, 0.2190,
0.3082

■ 73.0128, 0.3396,
0.3315

■ 74.9978, 0.3445,
0.3329

■ 75.7127, 0.3443,
0.3343

■ 76.4337, 0.3441,
0.3357

Harmonies

Analogous

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



52.9610, 0.2757, 0.3553



52.9610, 0.2534, 0.3208



52.9610, 0.2464, 0.2913

Triad

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



52.9610, 0.2534, 0.3208



52.9610, 0.3138, 0.2823



52.9610, 0.3717, 0.3838

Complementary

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



52.9610, 0.2534, 0.3208



30.5361, 0.4211, 0.3368

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.



52.9610, 0.3838, 0.3609



52.9610, 0.2534, 0.3208



52.9610, 0.3494, 0.3039

Square

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



52.9610, 0.2534, 0.3208



52.9610, 0.2797, 0.2714



52.9610, 0.3756, 0.3320



52.9610, 0.3438, 0.3930

Rectangle

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



52.9610, 0.2534, 0.3208



52.9610, 0.2508, 0.2782



52.9610, 0.3756, 0.3320



52.9610, 0.3778, 0.3773

Sweetspot

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



52.9631, 0.2534, 0.3208



92.8654, 0.2927, 0.3267



52.6362, 0.3039, 0.4551



19.6403, 0.2895, 0.3263



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.



52.9631, 0.2534, 0.3208



77.4786, 0.2434, 0.3187



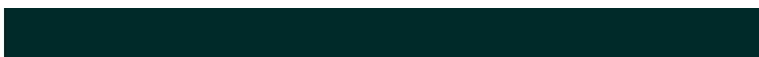
34.6277, 0.2428, 0.2574



13.9617, 0.2983, 0.3274



27.9499, 0.2190, 0.3085



1.7288, 0.2201, 0.3123

Inverse Universe

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



32.1165, 0.3235, 0.2303



41.9495, 0.3263, 0.2108



44.5095, 0.3963, 0.3906



12.6180, 0.3148, 0.3075



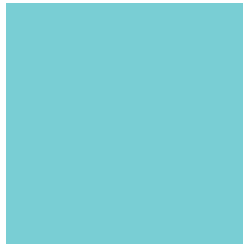
11.1664, 0.3380, 0.1636



0.6778, 0.3347, 0.1618

Previews

White Background



This preview shows how the Yxy color 52.9610, 0.2534, 0.3208 looks on a white background.

Color Contrast Check

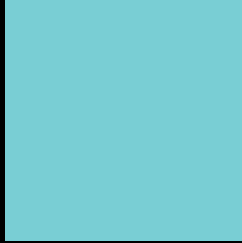
Large Text (above 18pt) WCAG AA × Fail

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 52.9610, 0.2534, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

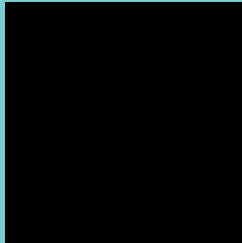
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

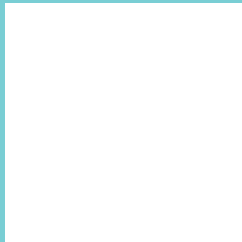
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9610, 0.2534, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 52.9610, 0.2534, 0.3208.



This preview shows how white text looks on a background with the Yxy color 52.9610, 0.2534, 0.3208.

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

52.9610, 0.2534, 0.3208

Protanopia

52.2976, 0.3054, 0.3143

Deuteranopia

52.0814, 0.2999, 0.2934



Tritanopia

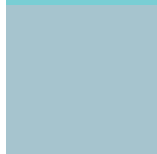
53.1682, 0.2500, 0.3078

Trichromacy



Original Color

52.9610, 0.2534, 0.3208



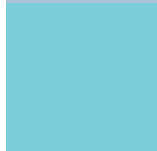
Protanomaly

52.0431, 0.2831, 0.3161



Deuteranomaly

51.5923, 0.2798, 0.3013



Tritanomaly

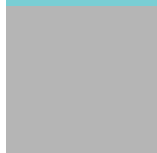
52.9356, 0.2511, 0.3116

Monochromacy



Original Color

52.9610, 0.2534, 0.3208



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.0036, 0.2870, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9610, 0.2534, 0.3208 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(121, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(121, 206, 212)  
}
```

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(121, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 206, 212) }
```

Border

The CSS property to change the border of an element to Yxy 52.9610, 0.2534, 0.3208 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(121, 206, 212) }
```

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

```
.border{ border-color:rgb(121, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(121, 206,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9610, 0.2534, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 206, 212) }
```

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

```
.background{ background-color: rgb(121,  
206, 212) }
```

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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