

Converting Colors

$Yxy(54.0695, 0.2563, 0.3267)$

Have a look what the booklet for
Yxy(54.0695, 0.2563, 0.3267)
contains.

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Color

Yxy(53.9758, 0.2559, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	7BD0D2
RGB	123, 208, 210
RGB Percent	48%, 82%, 82%
CMY	0.5181, 0.1842, 0.1765
CMYK	0.41, 0.01, 0.00, 0.18
HSL	181°, 49%, 65%
HSV	181°, 41%, 82%
XYZ	42.3434, 53.9758, 69.1493
YIQ	182.8130, -51.3020, -17.3980

Conversions

Conversions Part 2

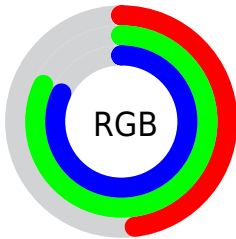
Format	Color
R _{YB}	123, 166, 210
Decimal	8114386
CIE _{Lab}	78.45, -25.23, -9.07
CIE _{LCh}	78, 26.810, 199.776
Yxy	53.9758, 0.2559, 0.3262
Android (android.graphics.Color)	4286304466 (0xFF7BD0D2)
YUV	182.8130, 13.4032, -52.4560
Hunter-Lab	73.4682, -25.6910, -4.3768

Details

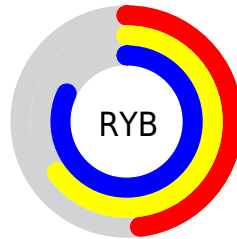
The Yxy color **53.9758, 0.2559, 0.3262** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.7568, 0.4177, 0.3318**, and the grayscale version is **47.1794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **26.3410, 0.2410, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **52.3630, 0.2458, 0.3255**, and if you desaturate by 10%, it is **55.9255, 0.2677, 0.3269**.

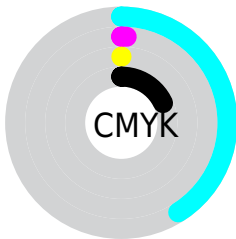
Distribution



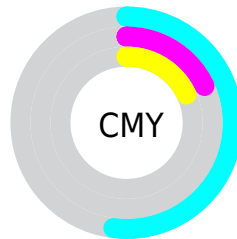
- Red (48%)
- Green (82%)
- Blue (82%)



- Red (48%)
- Yellow (65%)
- Blue (82%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9758, 0.2559, 0.3262 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 53.9758, 0.2559, 0.3262 by changing the saturation by 10% instead.


 53.9758, 0.2559,
0.3262


 53.9758, 0.2559,
0.3262


402.0177, 0.2831,
0.3281


 38.5823, 0.2495,
0.3256


 96.0387, 0.2655,
0.3270

 26.4349, 0.2414,
0.3247


 123.4769, 0.2692,
0.3273

 17.1493, 0.2310,
0.3234


 155.6988, 0.2724,
0.3275

 10.3410, 0.2172,
0.3214

193.0889, 0.2751,
0.3277

 5.6256, 0.1978,
0.3179

236.0314, 0.2775,
0.3278

 2.6188, 0.1693,
0.3114

284.9107, 0.2796,

 0.9361, 0.0899,

0.3279

0.3081

340.1114, 0.2815,
0.3280

0.0000, 0.0000,
0.0000

53.9758, 0.2559,
0.3262

53.9758, 0.2559,
0.3262

52.3630, 0.2458,
0.3255

55.9255, 0.2677,
0.3269

51.0593, 0.2375,
0.3247

58.2254, 0.2809,
0.3276

50.0430, 0.2311,
0.3239


60.8955, 0.2952,
0.3283

49.2864, 0.2267,
0.3232

63.9528, 0.3104,
0.3289

48.7570, 0.2240,
0.3224


67.4128, 0.3262,
0.3295

 48.4358, 0.2227,
0.3218

 71.2906, 0.3421,
0.3300

 72.6681, 0.3468,
0.3305

 72.9042, 0.3467,
0.3310

 73.1409, 0.3466,
0.3314

Harmonies

Analogous

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



53.9758, 0.2803, 0.3606



53.9758, 0.2559, 0.3262



53.9758, 0.2463, 0.2952

Triad

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



53.9758, 0.2559, 0.3262



53.9758, 0.3080, 0.2797



53.9758, 0.3749, 0.3810

Complementary

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



53.9758, 0.2559, 0.3262



29.7568, 0.4177, 0.3318

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.



53.9758, 0.3840, 0.3566



53.9758, 0.2559, 0.3262



53.9758, 0.3441, 0.2999

Square

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



53.9758, 0.2559, 0.3262



53.9758, 0.2750, 0.2708



53.9758, 0.3726, 0.3273



53.9758, 0.3490, 0.3929

Rectangle

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



53.9758, 0.2559, 0.3262



53.9758, 0.2490, 0.2807



53.9758, 0.3726, 0.3273



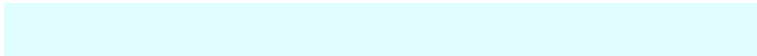
53.9758, 0.3801, 0.3738

Sweetspot

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



53.9779, 0.2559, 0.3262



94.2119, 0.2943, 0.3283



51.7529, 0.3059, 0.4542



20.0419, 0.2923, 0.3282



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.



53.9779, 0.2559, 0.3262



81.4703, 0.2466, 0.3255



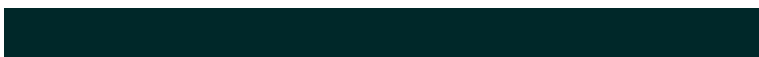
35.7604, 0.2460, 0.2647



13.3594, 0.2983, 0.3284



29.5707, 0.2228, 0.3219



1.6682, 0.2231, 0.3233

Inverse Universe

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



32.3932, 0.3194, 0.2298



43.6045, 0.3209, 0.2104



43.0912, 0.3943, 0.3851



12.0043, 0.3141, 0.3066



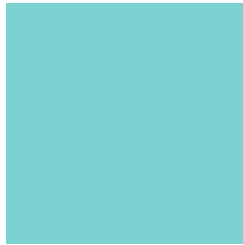
11.0565, 0.3266, 0.1573



0.6197, 0.3255, 0.1567

Previews

White Background



This preview shows how the Yxy color 53.9758, 0.2559, 0.3262 looks on a white background.

Color Contrast Check

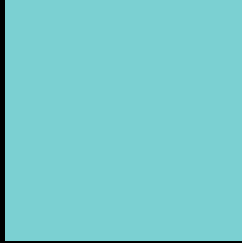
Large Text (above 18pt) WCAG AA × Fail

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 53.9758, 0.2559, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

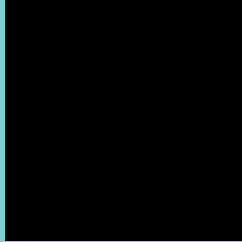
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

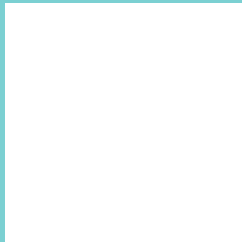
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9758, 0.2559, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 53.9758, 0.2559, 0.3262.



This preview shows how white text looks on a background with the Yxy color 53.9758, 0.2559, 0.3262.

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

53.9758, 0.2559, 0.3262

Protanopia

53.3387, 0.3084, 0.3192

Deuteranopia

53.3780, 0.3045, 0.2984



Tritanopia

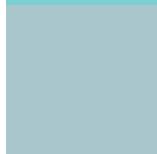
53.9824, 0.2508, 0.3067

Trichromacy



Original Color

53.9758, 0.2559, 0.3262



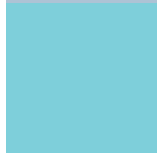
Protanomaly

53.0726, 0.2860, 0.3213



Deuteranomaly

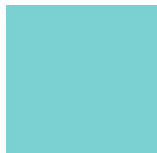
52.7185, 0.2834, 0.3064



Tritanomaly

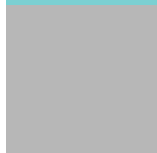
54.1232, 0.2531, 0.3143

Monochromacy



Original Color

53.9758, 0.2559, 0.3262



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.1266, 0.2879, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9758, 0.2559, 0.3262 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(123, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(123, 208, 210)  
}
```

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(123, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.9758, 0.2559, 0.3262 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(123, 208, 210) }
```

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

```
.border{ border-color:rgb(123, 208, 210) }
```

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

Here you see how a box with a 4 pixel rgb(123, 208, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(123, 208,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9758, 0.2559, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 208, 210) }
```

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

```
.background{ background-color: rgb(123,  
208, 210) }
```

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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