

Converting Colors

$Yxy(55.0624, 0.2661, 0.3150)$

Have a look what the booklet for
Yxy(55.0624, 0.2661, 0.3150)
contains.

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Color

Yxy(54.9164, 0.2662, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	94CDD8
RGB	148, 205, 216
RGB Percent	58%, 80%, 85%
CMY	0.4195, 0.1961, 0.1531
CMYK	0.31, 0.05, 0.00, 0.15
HSL	190°, 47%, 71%
HSV	190°, 31%, 85%
XYZ	46.4382, 54.9164, 73.0939
YIQ	189.2110, -37.5030, -8.6630

Conversions

Conversions Part 2

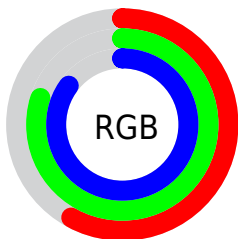
Format	Color
RYB	148, 179, 216
Decimal	9752024
CIELab	78.99, -15.65, -11.34
CIElCh	79, 19.324, 215.931
Yxy	54.9164, 0.2662, 0.3148
Android (android.graphics.Color)	4287942104 (0xFF94CDD8)
YUV	189.2110, 13.2070, -36.1420
Hunter-Lab	74.1056, -17.8280, -6.6067

Details

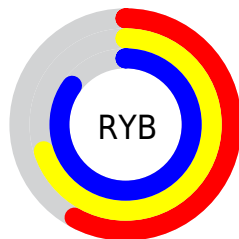
The Yxy color **54.9164, 0.2662, 0.3148** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5252, 0.3800, 0.3426**, and the grayscale version is **50.9580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **27.0861, 0.2543, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **51.4398, 0.2532, 0.3096**, and if you desaturate by 10%, it is **58.8102, 0.2803, 0.3197**.

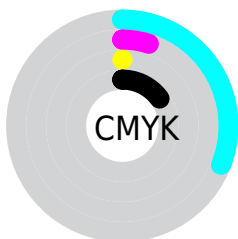
Distribution



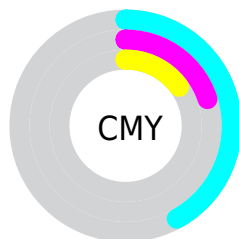
- Red (58%)
- Green (80%)
- Blue (85%)



- Red (58%)
- Yellow (70%)
- Blue (85%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)





- Cyan (42%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9164, 0.2662, 0.3148 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 54.9164, 0.2662, 0.3148 by changing the saturation by 10% instead.


 54.9164, 0.2662,
0.3148


 54.9164, 0.2662,
0.3148

405.5950, 0.2885,
0.3221

 39.3348, 0.2609,
0.3129


 97.4185, 0.2741,
0.3175

 27.0203, 0.2543,
0.3105


 125.1077, 0.2771,
0.3185

 17.5884, 0.2458,
0.3073


157.6016, 0.2797,
0.3193

 10.6549, 0.2345,
0.3028

195.2846, 0.2819,
0.3200

 5.8353, 0.2186,
0.2960

238.5410, 0.2839,
0.3207

 2.7452, 0.1950,
0.2849

287.7553, 0.2856,

 1.0002, 0.1501,

0.3212

0.2661

343.3118, 0.2871,
0.3217

■ 0.0000, 0.0000,
0.0000

■ 54.9164, 0.2662,
0.3148

■ 54.9164, 0.2662,
0.3148

■ 51.4398, 0.2532,
0.3096

■ 58.8102, 0.2803,
0.3197

■ 48.3527, 0.2415,
0.3041

■ 63.1343, 0.2952,
0.3243

■ 45.6341, 0.2315,
0.2984

■ 67.9090, 0.3105,
0.3284

■ 43.2581, 0.2233,
0.2927

■ 73.1514, 0.3259,
0.3322

■ 41.1949, 0.2170,
0.2869

■ 78.6858, 0.3406,
0.3356

■ 39.4092, 0.2126,
0.2811

■ 80.5609, 0.3401,
0.3391

■ 38.0517, 0.2101,
0.2762

■ 82.4745, 0.3396,
0.3425

■ 84.4269, 0.3390,
0.3460

■ 86.4182, 0.3385,
0.3494

Harmonies

Analogous

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



54.9164, 0.2787, 0.3388



54.9164, 0.2662, 0.3148



54.9164, 0.2655, 0.2962

Triad

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



54.9164, 0.2662, 0.3148



54.9164, 0.3237, 0.3001



54.9164, 0.3488, 0.3724

Complementary

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



54.9164, 0.2662, 0.3148



41.5252, 0.3800, 0.3426

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.



54.9164, 0.3620, 0.3597



54.9164, 0.2662, 0.3148



54.9164, 0.3473, 0.3185

Square

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



54.9164, 0.2662, 0.3148



54.9164, 0.2979, 0.2887



54.9164, 0.3616, 0.3399



54.9164, 0.3261, 0.3732

Rectangle

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



54.9164, 0.2662, 0.3148



54.9164, 0.2719, 0.2889



54.9164, 0.3616, 0.3399



54.9164, 0.3545, 0.3693

Sweetspot

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



54.9186, 0.2662, 0.3148



93.5641, 0.2988, 0.3253



57.8687, 0.3021, 0.4070



19.8150, 0.2965, 0.3247



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.



54.9186, 0.2662, 0.3148



76.4458, 0.2571, 0.3112



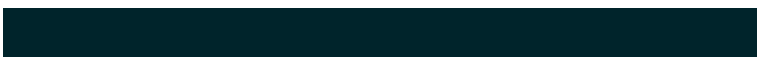
40.6855, 0.2609, 0.2699



13.7507, 0.2983, 0.3251



22.6642, 0.2103, 0.2771



1.4604, 0.2131, 0.2870

Inverse Universe

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



40.1898, 0.3263, 0.2627



52.0014, 0.3300, 0.2483



54.5141, 0.3679, 0.3816



12.5967, 0.3162, 0.3097



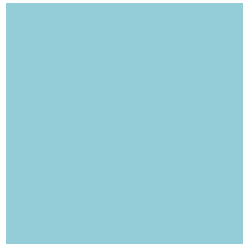
10.6328, 0.3661, 0.1791



0.6507, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 54.9164, 0.2662, 0.3148 looks on a white background.

Color Contrast Check

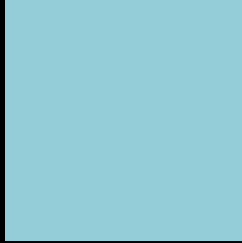
Large Text (above 18pt) WCAG AA × Fail

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 54.9164, 0.2662, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

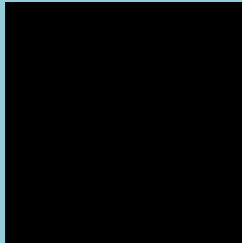
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9164, 0.2662, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 54.9164, 0.2662, 0.3148.



This preview shows how white text looks on a background with the Yxy color 54.9164, 0.2662, 0.3148.

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

54.9164, 0.2662, 0.3148

Protanopia

54.6564, 0.3018, 0.3109

Deuteranopia

54.4979, 0.3009, 0.2951



Tritanopia

54.7958, 0.2638, 0.3073

Trichromacy



Original Color

54.9164, 0.2662, 0.3148

Protanomaly

54.4887, 0.2871, 0.3116

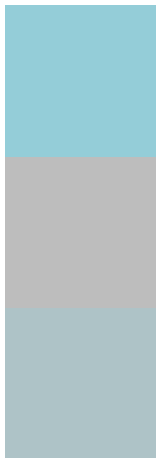
Deuteranomaly

54.0373, 0.2866, 0.3010

Tritanomaly

54.6898, 0.2649, 0.3097

Monochromacy



Original Color

54.9164, 0.2662, 0.3148

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.1524, 0.2936, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9164, 0.2662, 0.3148 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(148, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 205, 216)  
}
```

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(148, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 205, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.9164, 0.2662, 0.3148 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(148, 205, 216) }
```

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

```
.border{ border-color:rgb(148, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 205,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9164, 0.2662, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 205, 216) }
```

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

```
.background{ background-color: rgb(148,  
205, 216) }
```

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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