

Converting Colors

$Yxy(56.5487, 0.2653, 0.3112)$

Have a look what the booklet for
Yxy(56.5487, 0.2653, 0.3112)
contains.

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Color

Yxy(56.4254, 0.2654, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	97CFDD
RGB	151, 207, 221
RGB Percent	59%, 81%, 87%
CMY	0.4080, 0.1882, 0.1333
CMYK	0.32, 0.06, 0.00, 0.13
HSL	192°, 51%, 73%
HSV	192°, 32%, 87%
XYZ	48.1211, 56.4254, 76.7690
YIQ	191.8520, -37.8700, -7.5180

Conversions

Conversions Part 2

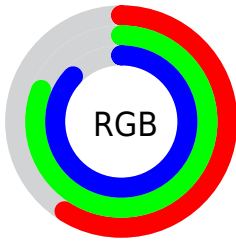
Format	Color
R _{YB}	151, 182, 221
Decimal	9949149
CIE Lab	79.86, -14.66, -12.74
CIE LCh	80, 19.424, 220.986
Yxy	56.4254, 0.2654, 0.3112
Android (android.graphics.Color)	4288139229 (0xFF97CFDD)
YUV	191.8520, 14.3700, -35.8272
Hunter-Lab	75.1168, -17.1043, -8.0123

Details

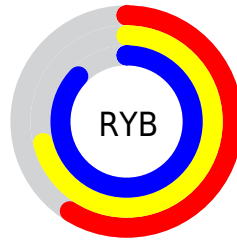
The Yxy color **56.4254, 0.2654, 0.3112** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5016, 0.3798, 0.3460**, and the grayscale version is **52.5491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **28.0770, 0.2534, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **52.3978, 0.2520, 0.3047**, and if you desaturate by 10%, it is **60.9137, 0.2798, 0.3173**.

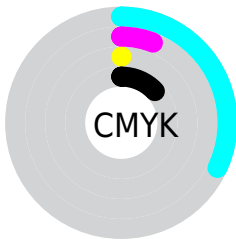
Distribution



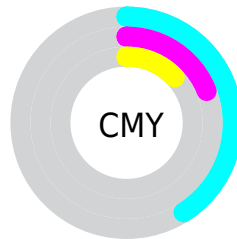
- Red (59%)
- Green (81%)
- Blue (87%)



- Red (59%)
- Yellow (71%)
- Blue (87%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)




- Cyan (41%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4254, 0.2654, 0.3112 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 56.4254, 0.2654, 0.3112 by changing the saturation by 10% instead.


 56.4254, 0.2654,
0.3112

 56.4254, 0.2654,
0.3112


411.2927, 0.2879,
0.3202

 40.5441, 0.2601,
0.3090


 99.6263, 0.2733,
0.3145

 27.9630, 0.2535,
0.3061


 127.7147, 0.2764,
0.3157

 18.2978, 0.2450,
0.3022


160.6408, 0.2790,
0.3167

 11.1640, 0.2337,
0.2969

198.7892, 0.2813,
0.3176

 6.1772, 0.2181,
0.2891

242.5442, 0.2832,
0.3184

 2.9532, 0.1950,
0.2766

292.2902, 0.2850,

 1.1073, 0.1561,

0.3191

0.2546

348.4115, 0.2865,
0.3197

0.0000, 0.0000,
0.0000

56.4254, 0.2654,
0.3112

56.4254, 0.2654,
0.3112

52.3978, 0.2520,
0.3047

60.9137, 0.2798,
0.3173

48.8014, 0.2399,
0.2978

65.8769, 0.2948,
0.3230

45.6137, 0.2294,
0.2906

71.3368, 0.3101,
0.3282

42.8069, 0.2207,
0.2834

77.3118, 0.3255,
0.3328

40.3491, 0.2140,
0.2760

82.5727, 0.3362,
0.3371

■ 38.2024, 0.2092,
0.2687

■ 85.0495, 0.3356,
0.3415

■ 36.6039, 0.2063,
0.2627

■ 87.5890, 0.3350,
0.3458

■ 90.1916, 0.3344,
0.3501

■ 92.8577, 0.3338,
0.3543

Harmonies

Analogous

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



56.4254, 0.2760, 0.3346



56.4254, 0.2654, 0.3112



56.4254, 0.2668, 0.2940

Triad

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



56.4254, 0.2654, 0.3112



56.4254, 0.3280, 0.3029



56.4254, 0.3453, 0.3733

Complementary

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



56.4254, 0.2654, 0.3112



44.5016, 0.3798, 0.3460

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.



56.4254, 0.3605, 0.3624



56.4254, 0.2654, 0.3112



56.4254, 0.3504, 0.3220

Square

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



56.4254, 0.2654, 0.3112



56.4254, 0.3021, 0.2902



56.4254, 0.3625, 0.3435



56.4254, 0.3217, 0.3719

Rectangle

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



56.4254, 0.2654, 0.3112



56.4254, 0.2744, 0.2880



56.4254, 0.3625, 0.3435



56.4254, 0.3516, 0.3709

Sweetspot

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



56.4276, 0.2654, 0.3112



92.2720, 0.2972, 0.3239



60.9675, 0.3006, 0.4046



19.5297, 0.2951, 0.3231



0.0000, 0.0000, 0.0000



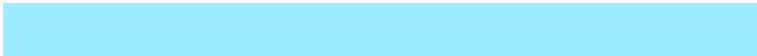
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4276, 0.2654, 0.3112



74.2803, 0.2564, 0.3069



41.7373, 0.2600, 0.2661



14.3644, 0.2982, 0.3242



21.4248, 0.2066, 0.2639



1.5027, 0.2099, 0.2757

Inverse Universe

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



41.9988, 0.3289, 0.2649



51.7828, 0.3332, 0.2516



58.3746, 0.3676, 0.3847



13.2279, 0.3168, 0.3105



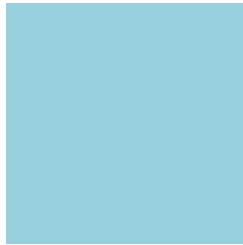
10.7866, 0.3787, 0.1860



0.7104, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 56.4254, 0.2654, 0.3112 looks on a white background.

Color Contrast Check

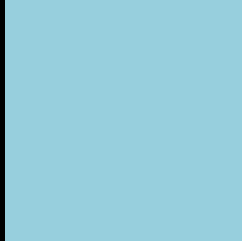
Large Text (above 18pt) WCAG AA × Fail

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 56.4254, 0.2654, 0.3112 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

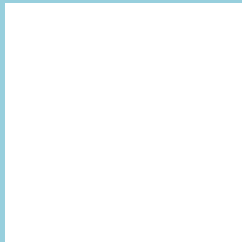
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4254, 0.2654, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 56.4254, 0.2654, 0.3112.



This preview shows how white text looks on a background with the Yxy color 56.4254, 0.2654, 0.3112.

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

56.4254, 0.2654, 0.3112

Protanopia

56.0707, 0.2998, 0.3076

Deuteranopia

55.9185, 0.2988, 0.2921



Tritanopia

56.5327, 0.2643, 0.3088

Trichromacy



Original Color

56.4254, 0.2654, 0.3112

Protanomaly

56.0216, 0.2861, 0.3083

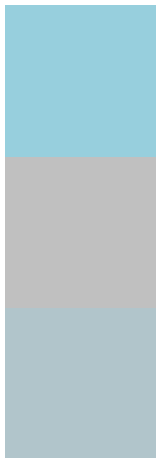
Deuteranomaly

55.5745, 0.2856, 0.2978

Tritanomaly

56.4789, 0.2649, 0.3100

Monochromacy



Original Color

56.4254, 0.2654, 0.3112

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5914, 0.2931, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4254, 0.2654, 0.3112 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(151, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(151, 207, 221)  
}
```

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(151, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 207, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.4254, 0.2654, 0.3112 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(151, 207, 221) }
```

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

```
.border{ border-color:rgb(151, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(151, 207,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4254, 0.2654, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 207, 221) }
```

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

```
.background{ background-color: rgb(151,  
207, 221) }
```

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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