

Converting Colors

$Yxy(54.0417, 0.2805, 0.3155)$

Have a look what the booklet for
Yxy(54.0417, 0.2805, 0.3155)
contains.

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Color

Yxy(54.1187, 0.2802, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	A6C8D3
RGB	166, 200, 211
RGB Percent	65%, 78%, 83%
CMY	0.3490, 0.2157, 0.1725
CMYK	0.21, 0.05, 0.00, 0.17
HSL	195°, 34%, 74%
HSV	195°, 21%, 83%
XYZ	48.1399, 54.1187, 69.5468
YIQ	191.0880, -23.7950, -3.7870

Conversions

Conversions Part 2

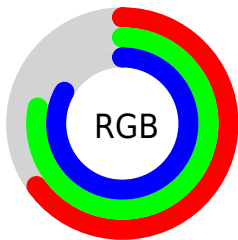
Format	Color
RYB	166, 185, 211
Decimal	10930387
CIELab	78.53, -8.90, -9.26
CIELCh	79, 12.842, 226.118
Yxy	54.1187, 0.2802, 0.3150
Android (android.graphics.Color)	4289120467 (0xFFA6C8D3)
YUV	191.0880, 9.8166, -22.0022
Hunter-Lab	73.5654, -11.9323, -4.5554

Details

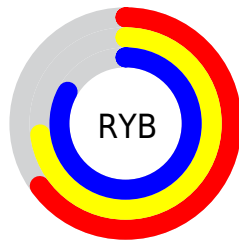
The Yxy color **54.1187, 0.2802, 0.3150** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0565, 0.3527, 0.3426**, and the grayscale version is **52.1083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **26.5028, 0.2711, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **49.6727, 0.2656, 0.3075**, and if you desaturate by 10%, it is **59.0241, 0.2953, 0.3219**.

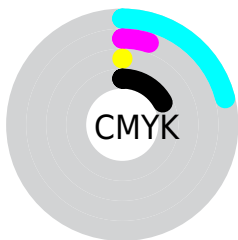
Distribution



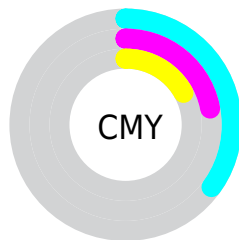
- Red (65%)
- Green (78%)
- Blue (83%)



- Red (65%)
- Yellow (73%)
- Blue (83%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)





- Cyan (35%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1187, 0.2802, 0.3150 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 54.1187, 0.2802, 0.3150 by changing the saturation by 10% instead.

 54.1187, 0.2802,
0.3150


 54.1187, 0.2802,
0.3150


402.5625, 0.2959,
0.3220

 38.6966, 0.2764,
0.3133


 96.2485, 0.2858,
0.3175

 26.5238, 0.2717,
0.3110


 123.7250, 0.2879,
0.3185

 17.2159, 0.2656,
0.3081


155.9883, 0.2897,
0.3193

 10.3885, 0.2573,
0.3040

193.4230, 0.2913,
0.3200

 5.6573, 0.2456,
0.2979

236.4134, 0.2927,
0.3206

 2.6378, 0.2277,
0.2882

285.3438, 0.2939,

 0.9457, 0.1949,

0.3211

0.2709

340.5987, 0.2949,
0.3216

0.0000, 0.0000,
0.0000

54.1187, 0.2802,
0.3150

54.1187, 0.2802,
0.3150

49.6727, 0.2656,
0.3075

59.0241, 0.2953,
0.3219

45.6604, 0.2518,
0.2995

64.4000, 0.3107,
0.3282

42.0635, 0.2391,
0.2910

70.2652, 0.3260,
0.3339

38.8594, 0.2279,
0.2821

76.6357, 0.3410,
0.3389

36.0233, 0.2185,
0.2731

80.2590, 0.3435,
0.3440

■ 33.5264, 0.2110,
0.2639

■ 83.1068, 0.3427,
0.3491

■ 31.3350, 0.2055,
0.2548

■ 86.0399, 0.3418,
0.3542

■ 29.6312, 0.2020,
0.2471

■ 89.0590, 0.3409,
0.3591

■ 92.1648, 0.3401,
0.3641

Harmonies

Analogous

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



54.1187, 0.2862, 0.3302



54.1187, 0.2802, 0.3150



54.1187, 0.2826, 0.3042

Triad

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



54.1187, 0.2802, 0.3150



54.1187, 0.3259, 0.3133



54.1187, 0.3323, 0.3590

Complementary

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



54.1187, 0.2802, 0.3150



48.0565, 0.3527, 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.



54.1187, 0.3436, 0.3534



54.1187, 0.2802, 0.3150



54.1187, 0.3399, 0.3270

Square

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



54.1187, 0.2802, 0.3150



54.1187, 0.3087, 0.3036



54.1187, 0.3464, 0.3416



54.1187, 0.3160, 0.3562

Rectangle

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



54.1187, 0.2802, 0.3150



54.1187, 0.2887, 0.3007



54.1187, 0.3464, 0.3416



54.1187, 0.3368, 0.3580

Sweetspot

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



54.1209, 0.2802, 0.3150



94.8472, 0.3034, 0.3253



57.8590, 0.3030, 0.3738



20.1847, 0.3024, 0.3249



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.



54.1209, 0.2802, 0.3150



79.6025, 0.2729, 0.3114



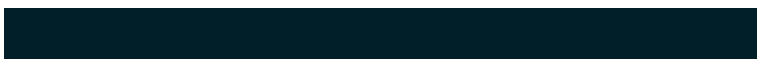
44.6552, 0.2782, 0.2862



12.8965, 0.2983, 0.3232



18.0472, 0.2023, 0.2484



1.1291, 0.2069, 0.2649

Inverse Universe

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



45.2956, 0.3245, 0.2886



63.7450, 0.3279, 0.2790



57.4577, 0.3474, 0.3684



11.9575, 0.3175, 0.3116



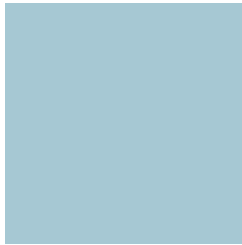
9.8931, 0.3938, 0.1943



0.5653, 0.3777, 0.1854

Previews

White Background



This preview shows how the Yxy color 54.1187, 0.2802, 0.3150 looks on a white background.

Color Contrast Check

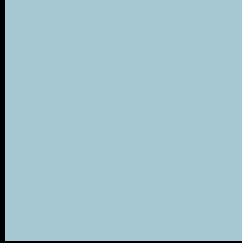
Large Text (above 18pt) WCAG AA × Fail

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 54.1187, 0.2802, 0.3150 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

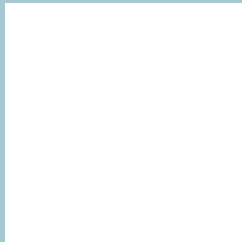
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1187, 0.2802, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 54.1187, 0.2802, 0.3150.

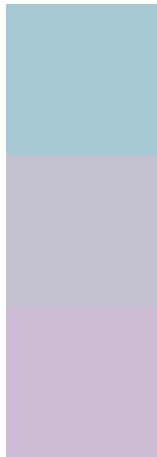


This preview shows how white text looks on a background with the Yxy color 54.1187, 0.2802, 0.3150.

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

54.1187, 0.2802, 0.3150

Protanopia

54.1143, 0.3032, 0.3121

Deuteranopia

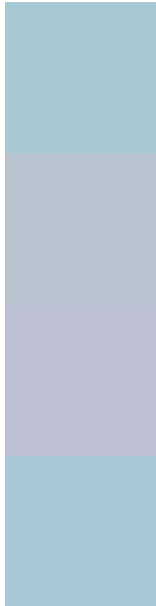
54.0367, 0.3068, 0.3008



Tritanopia

53.9686, 0.2783, 0.3089

Trichromacy



Original Color

54.1187, 0.2802, 0.3150

Protanomaly

54.2243, 0.2949, 0.3142

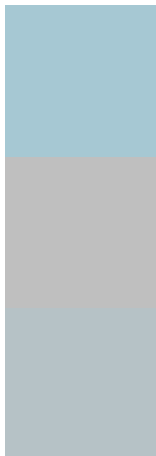
Deuteranomaly

53.8405, 0.2966, 0.3060

Tritanomaly

53.9174, 0.2789, 0.3101

Monochromacy



Original Color

54.1187, 0.2802, 0.3150

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6059, 0.3004, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1187, 0.2802, 0.3150 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(166, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(166, 200, 211)  
}
```

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(166, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 200, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.1187, 0.2802, 0.3150 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(166, 200, 211) }
```

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

```
.border{ border-color:rgb(166, 200, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(166, 200,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1187, 0.2802, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 200, 211) }
```

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

```
.background{ background-color: rgb(166,  
200, 211) }
```

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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