

Converting Colors

$Yxy(56.2556, 0.2627, 0.3057)$

Have a look what the booklet for
Yxy(56.2556, 0.2627, 0.3057)
contains.

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Color

Yxy(56.0629, 0.2624, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	96CEE1
RGB	150, 206, 225
RGB Percent	59%, 81%, 88%
CMY	0.4120, 0.1921, 0.1176
CMYK	0.33, 0.08, 0.00, 0.12
HSL	195°, 56%, 74%
HSV	195°, 33%, 88%
XYZ	48.2325, 56.0629, 79.5174
YIQ	191.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

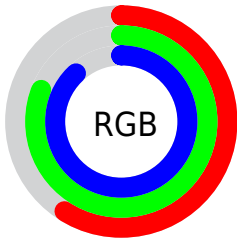
Format	Color
R_{YB}	150, 182, 225
Decimal	9883361
CIE _{Lab}	79.65, -13.47, -15.19
CIE _{LCh}	80, 20.304, 228.444
Yxy	56.0629, 0.2624, 0.3050
Android (android.graphics.Color)	4288073441 (0xFF96CEE1)
YUV	191.4220, 16.5540, -36.3271
Hunter-Lab	74.8752, -16.0469, -10.5534

Details

The Yxy color **56.0629, 0.2624, 0.3050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5624, 0.3831, 0.3516**, and the grayscale version is **52.2725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **27.8455, 0.2497, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **51.4403, 0.2487, 0.2965**, and if you desaturate by 10%, it is **61.1990, 0.2770, 0.3129**.

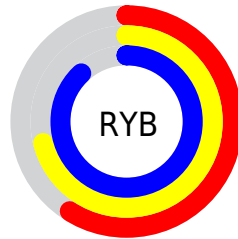
Distribution



Red (59%)

Green (81%)

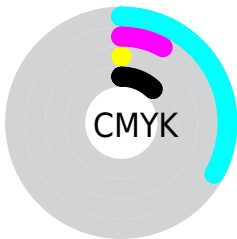
Blue (88%)



Red (59%)

Yellow (71%)

Blue (88%)

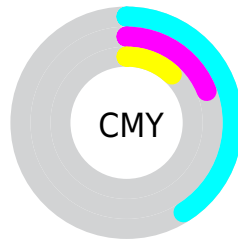


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (41%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0629, 0.2624, 0.3050 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 56.0629, 0.2624, 0.3050 by changing the saturation by 10% instead.

■ 56.0629, 0.2624,
0.3050

■ 56.0629, 0.2624,
0.3050

■ 409.9285, 0.2863,
0.3170

■ 40.2534, 0.2568,
0.3020

■ 99.0965, 0.2708,
0.3093

■ 27.7361, 0.2498,
0.2983

■ 127.0894, 0.2741,
0.3110

■ 18.1269, 0.2408,
0.2933

■ 159.9122, 0.2768,
0.3124

■ 11.0411, 0.2289,
0.2864

■ 197.9493, 0.2792,
0.3136

■ 6.0945, 0.2124,
0.2764

■ 241.5851, 0.2814,
0.3146

■ 2.9026, 0.1883,
0.2608

■ 291.2039, 0.2832,

■ 1.0811, 0.1485,

0.3155

0.2339

347.1903, 0.2849,
0.3163

0.0000, 0.0000,
0.0000

56.0629, 0.2624,
0.3050

56.0629, 0.2624,
0.3050

51.4403, 0.2487,
0.2965

61.1990, 0.2770,
0.3129

47.3001, 0.2362,
0.2876

66.8646, 0.2922,
0.3202

43.6173, 0.2252,
0.2783

73.0831, 0.3075,
0.3269

40.3619, 0.2161,
0.2689

79.8744, 0.3229,
0.3329

37.4991, 0.2089,
0.2594

85.8168, 0.3328,
0.3384

■ 34.9871, 0.2037,
0.2499

■ 89.1198, 0.3321,
0.3440

■ 33.4688, 0.2010,
0.2437

■ 92.5281, 0.3314,
0.3495

■ 96.0425, 0.3308,
0.3549

■ 98.2166, 0.3303,
0.3582

Harmonies

Analogous

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



56.0629, 0.2705, 0.3285



56.0629, 0.2624, 0.3050



56.0629, 0.2670, 0.2894

Triad

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



56.0629, 0.2624, 0.3050



56.0629, 0.3352, 0.3062



56.0629, 0.3413, 0.3764

Complementary

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



56.0629, 0.2624, 0.3050



46.5624, 0.3831, 0.3516

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.



56.0629, 0.3600, 0.3677



56.0629, 0.2624, 0.3050



56.0629, 0.3566, 0.3272

Square

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



56.0629, 0.2624, 0.3050



56.0629, 0.3082, 0.2909



56.0629, 0.3658, 0.3495



56.0629, 0.3154, 0.3714

Rectangle

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



56.0629, 0.2624, 0.3050



56.0629, 0.2768, 0.2850



56.0629, 0.3658, 0.3495



56.0629, 0.3486, 0.3749

Sweetspot

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



56.0651, 0.2624, 0.3050



91.4324, 0.2972, 0.3225



63.1870, 0.2971, 0.4026



19.3256, 0.2950, 0.3215



0.0000, 0.0000, 0.0000



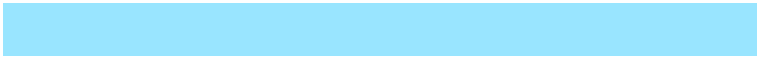
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0651, 0.2624, 0.3050



70.1365, 0.2528, 0.2992



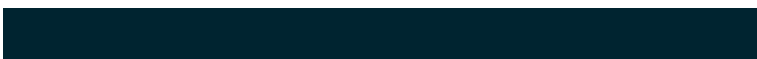
40.1844, 0.2561, 0.2554



14.9543, 0.2982, 0.3229



19.4807, 0.2015, 0.2452



1.4905, 0.2055, 0.2596

Inverse Universe

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



42.2613, 0.3337, 0.2656



49.7103, 0.3393, 0.2525



62.4682, 0.3692, 0.3930



13.8733, 0.3176, 0.3117



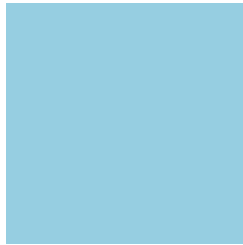
10.8746, 0.3970, 0.1961



0.7679, 0.3828, 0.1882

Previews

White Background



This preview shows how the Yxy color 56.0629, 0.2624, 0.3050 looks on a white background.

Color Contrast Check

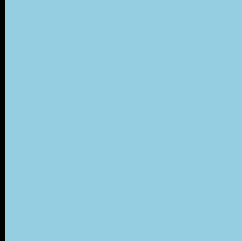
Large Text (above 18pt) WCAG AA × Fail

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 56.0629, 0.2624, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

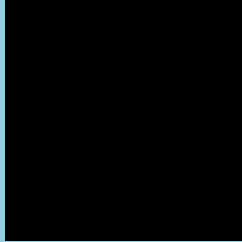
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0629, 0.2624, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 56.0629, 0.2624, 0.3050.



This preview shows how white text looks on a background with the Yxy color 56.0629, 0.2624, 0.3050.

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

56.0629, 0.2624, 0.3050

Protanopia

55.5615, 0.2955, 0.3017

Deuteranopia

55.7182, 0.2938, 0.2875



Tritanopia

55.8599, 0.2630, 0.3074

Trichromacy



Original Color

56.0629, 0.2624, 0.3050

Protanomaly

55.5323, 0.2821, 0.3022

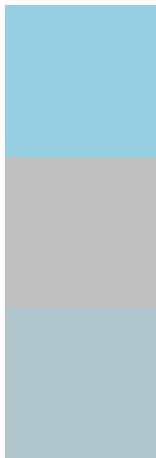
Deuteranomaly

55.4236, 0.2809, 0.2931

Tritanomaly

55.9140, 0.2624, 0.3062

Monochromacy



Original Color

56.0629, 0.2624, 0.3050

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0218, 0.2924, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0629, 0.2624, 0.3050 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(150, 206, 225)` looks like.

```
.text, #text, p{  
    color:rgb(150, 206, 225)  
}
```

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(150, 206, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 206, 225) }
```

Border

The CSS property to change the border of an element to Yxy 56.0629, 0.2624, 0.3050 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(150, 206, 225) }
```

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

```
.border{ border-color:rgb(150, 206, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 206, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 206, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 206, 225);  
box-shadow:4px 4px 4px 4px rgb(150, 206,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0629, 0.2624, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 206, 225) }
```

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

```
.background{ background-color: rgb(150,  
206, 225) }
```

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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