

Converting Colors

$Yxy(54.1426, 0.2431, 0.3031)$

Have a look what the booklet for
Yxy(54.1426, 0.2431, 0.3031)
contains.

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Color

Yxy(54.3026, 0.2434, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	73D0E3
RGB	115, 208, 227
RGB Percent	45%, 82%, 89%
CMY	0.5494, 0.1842, 0.1099
CMYK	0.49, 0.08, 0.00, 0.11
HSL	190°, 67%, 67%
HSV	190°, 49%, 89%
XYZ	43.4778, 54.3026, 80.8466
YIQ	182.3590, -61.5270, -13.8070

Conversions

Conversions Part 2

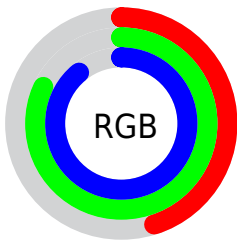
Format	Color
R _{YB}	115, 166, 227
Decimal	7590115
CIE Lab	78.64, -22.67, -17.94
CIE LCh	79, 28.906, 218.353
Yxy	54.3026, 0.2434, 0.3040
Android (android.graphics.Color)	4285780195 (0xFF73D0E3)
YUV	182.3590, 22.0080, -59.0738
Hunter-Lab	73.6903, -23.6417, -13.4646

Details

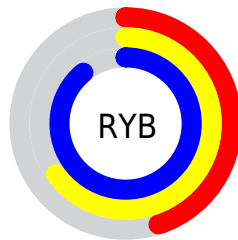
The Yxy color **54.3026, 0.2434, 0.3040** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.5717, 0.4396, 0.3513**, and the grayscale version is **46.8748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **26.5179, 0.2259, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **51.1028, 0.2329, 0.2981**, and if you desaturate by 10%, it is **57.9305, 0.2555, 0.3097**.

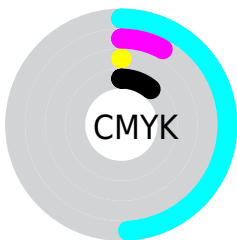
Distribution



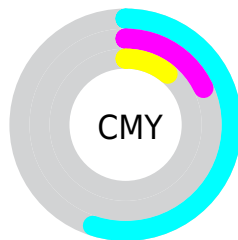
- Red (45%)
- Green (82%)
- Blue (89%)



- Red (45%)
- Yellow (65%)
- Blue (89%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)





- Cyan (55%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3026, 0.2434, 0.3040 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 54.3026, 0.2434, 0.3040 by changing the saturation by 10% instead.


 54.3026, 0.2434,
0.3040


 54.3026, 0.2434,
0.3040


403.2629, 0.2762,
0.3170

 38.8436, 0.2358,
0.3007


 96.5184, 0.2549,
0.3088

 26.6381, 0.2263,
0.2964


 124.0440, 0.2594,
0.3106

 17.3016, 0.2142,
0.2907


 156.3607, 0.2632,
0.3121

 10.4498, 0.1983,
0.2826

193.8527, 0.2665,
0.3133

 5.6982, 0.1767,
0.2707

236.9046, 0.2694,
0.3144

 2.6624, 0.1459,
0.2516

285.9006, 0.2719,

 0.9582, 0.0824,

0.3154

0.2221

341.2252, 0.2742,
0.3162

0.0000, 0.0000,
0.0000

54.3026, 0.2434,
0.3040

54.3026, 0.2434,
0.3040

51.1028, 0.2329,
0.2981

57.9305, 0.2555,
0.3097

48.2962, 0.2242,
0.2920

62.0061, 0.2689,
0.3152

45.8523, 0.2174,
0.2859

66.5549, 0.2832,
0.3203

43.7326, 0.2126,
0.2798

71.5988, 0.2983,
0.3250

41.8746, 0.2095,
0.2738

77.1580, 0.3137,
0.3293

■ 41.7636, 0.2093,
0.2734

■ 83.2517, 0.3292,
0.3331

■ 86.1609, 0.3315,
0.3369

■ 88.3816, 0.3310,
0.3406

■ 90.6501, 0.3306,
0.3444

Harmonies

Analogous

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



54.3026, 0.2600, 0.3402



54.3026, 0.2434, 0.3040



54.3026, 0.2440, 0.2779

Triad

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



54.3026, 0.2434, 0.3040



54.3026, 0.3319, 0.2884



54.3026, 0.3639, 0.3949

Complementary

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



54.3026, 0.2434, 0.3040



34.5717, 0.4396, 0.3513

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.



54.3026, 0.3858, 0.3757



54.3026, 0.2434, 0.3040



54.3026, 0.3672, 0.3153

Square

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



54.3026, 0.2434, 0.3040



54.3026, 0.2931, 0.2710



54.3026, 0.3874, 0.3465



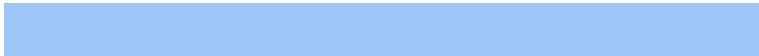
54.3026, 0.3288, 0.3959

Rectangle

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



54.3026, 0.2434, 0.3040



54.3026, 0.2539, 0.2688



54.3026, 0.3874, 0.3465



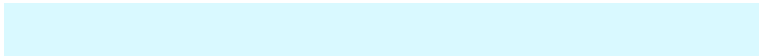
54.3026, 0.3731, 0.3902

Sweetspot

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



54.3047, 0.2434, 0.3040



89.3950, 0.2896, 0.3223



60.2735, 0.2960, 0.4599



18.8413, 0.2864, 0.3213



0.0000, 0.0000, 0.0000



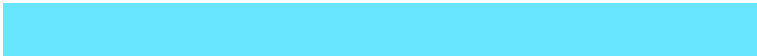
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3047, 0.2434, 0.3040



66.5418, 0.2329, 0.2981



31.7219, 0.2283, 0.2250



15.8996, 0.2981, 0.3249



24.5116, 0.2095, 0.2743



1.9216, 0.2120, 0.2831

Inverse Universe

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



33.1197, 0.3373, 0.2272



36.9599, 0.3437, 0.2101



54.2239, 0.4047, 0.4134



14.5712, 0.3164, 0.3097



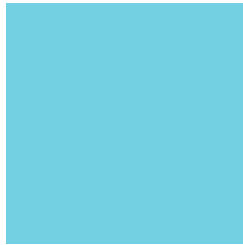
11.6722, 0.3688, 0.1805



0.8737, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 54.3026, 0.2434, 0.3040 looks on a white background.

Color Contrast Check

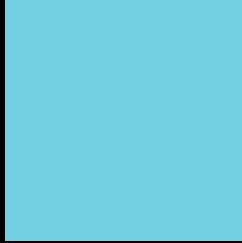
Large Text (above 18pt) WCAG AA × Fail

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 54.3026, 0.2434, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

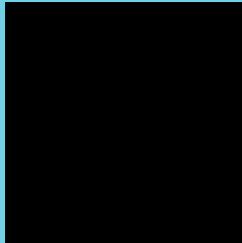
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3026, 0.2434, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 54.3026, 0.2434, 0.3040.



This preview shows how white text looks on a background with the Yxy color 54.3026, 0.2434, 0.3040.

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

54.3026, 0.2434, 0.3040

Protanopia

53.6562, 0.2931, 0.2989

Deuteranopia

53.6340, 0.2864, 0.2800



Tritanopia

54.1254, 0.2439, 0.3064

Trichromacy



Original Color

54.3026, 0.2434, 0.3040

Protanomaly

53.3952, 0.2718, 0.3001

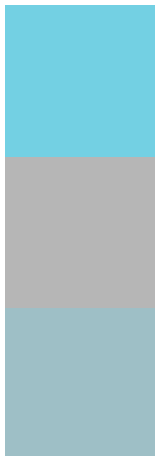
Deuteranomaly

53.1924, 0.2674, 0.2871

Tritanomaly

54.1801, 0.2435, 0.3052

Monochromacy



Original Color

54.3026, 0.2434, 0.3040

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.6079, 0.2823, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3026, 0.2434, 0.3040 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(115, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(115, 208, 227)  
}
```

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(115, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.3026, 0.2434, 0.3040 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(115, 208, 227) }
```

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

```
.border{ border-color:rgb(115, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(115, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3026, 0.2434, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 208, 227) }
```

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

```
.background{ background-color: rgb(115,  
208, 227) }
```

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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