

Converting Colors

$Yxy(54.8086, 0.2592, 0.2943)$

Have a look what the booklet for
Yxy(54.8086, 0.2592, 0.2943)
contains.

Yxy(54.9091, 0.2592, 0.2951)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9091, 0.2592, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	96CBE6
RGB	150, 203, 230
RGB Percent	59%, 80%, 90%
CMY	0.4114, 0.2040, 0.0980
CMYK	0.35, 0.12, 0.00, 0.10
HSL	200°, 62%, 75%
HSV	200°, 35%, 90%
XYZ	48.2292, 54.9091, 82.9312
YIQ	190.2310, -40.2550, -2.8390

Conversions

Conversions Part 2

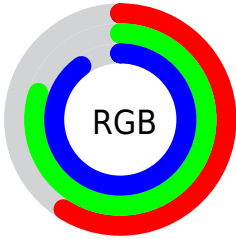
Format	Color
R _Y B	150, 182, 230
Decimal	9882598
CIE Lab	78.99, -10.63, -18.87
CIE LCh	79, 21.662, 240.612
Yxy	54.9091, 0.2592, 0.2951
Android (android.graphics.Color)	4288072678 (0xFF96CBE6)
YUV	190.2310, 19.6061, -35.2826
Hunter-Lab	74.1007, -13.4976, -14.4850

Details

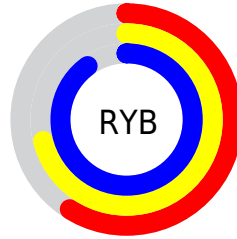
The Yxy color **54.9091, 0.2592, 0.2951** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.5200, 0.3844, 0.3603**, and the grayscale version is **51.5454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **27.0377, 0.2462, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **49.3556, 0.2447, 0.2835**, and if you desaturate by 10%, it is **61.0796, 0.2744, 0.3060**.

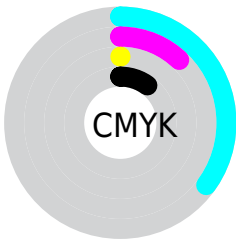
Distribution



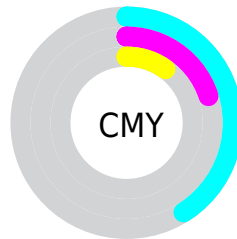
- Red (59%)
- Green (80%)
- Blue (90%)



- Red (59%)
- Yellow (71%)
- Blue (90%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (41%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9091, 0.2592, 0.2951 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 54.9091, 0.2592, 0.2951 by changing the saturation by 10% instead.

■ 54.9091, 0.2592,
0.2951

■ 54.9091, 0.2592,
0.2951

405.5673, 0.2847,
0.3118

■ 39.3289, 0.2532,
0.2910

■ 97.4078, 0.2682,
0.3011

■ 27.0157, 0.2458,
0.2858

■ 125.0951, 0.2716,
0.3034

■ 17.5850, 0.2362,
0.2791

157.5869, 0.2746,
0.3053

■ 10.6525, 0.2235,
0.2699

195.2676, 0.2772,
0.3070

■ 5.8337, 0.2060,
0.2567

238.5216, 0.2794,
0.3084

■ 2.7442, 0.1806,
0.2366

287.7332, 0.2814,

■ 0.9997, 0.1394,

0.3097

0.2031

343.2870, 0.2831,
0.3108

0.0000, 0.0000,
0.0000

54.9091, 0.2592,
0.2951

54.9091, 0.2592,
0.2951

49.3556, 0.2447,
0.2835

61.0796, 0.2744,
0.3060

44.3849, 0.2313,
0.2711

67.8863, 0.2899,
0.3159

39.9685, 0.2194,
0.2584

75.3555, 0.3054,
0.3250

36.0723, 0.2092,
0.2453

83.5098, 0.3207,
0.3332

32.6572, 0.2011,
0.2322

90.4060, 0.3287,
0.3407

■ 29.6756, 0.1950,
0.2194

■ 95.1322, 0.3279,
0.3481

■ 28.2461, 0.1924,
0.2127

■ 98.4941, 0.3274,
0.3532

Harmonies

Analogous

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



54.9091, 0.2623, 0.3174



54.9091, 0.2592, 0.2951



54.9091, 0.2695, 0.2831

Triad

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



54.9091, 0.2592, 0.2951



54.9091, 0.3474, 0.3131



54.9091, 0.3325, 0.3797

Complementary

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



54.9091, 0.2592, 0.2951



50.5200, 0.3844, 0.3603

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.



54.9091, 0.3567, 0.3759



54.9091, 0.2592, 0.2951



54.9091, 0.3658, 0.3367

Square

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



54.9091, 0.2592, 0.2951



54.9091, 0.3197, 0.2939



54.9091, 0.3692, 0.3596



54.9091, 0.3038, 0.3683

Rectangle

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



54.9091, 0.2592, 0.2951



54.9091, 0.2830, 0.2817



54.9091, 0.3692, 0.3596



54.9091, 0.3415, 0.3801

Sweetspot

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



54.9113, 0.2592, 0.2951



90.1013, 0.2972, 0.3203



66.2586, 0.2927, 0.3974



19.0025, 0.2950, 0.3190



0.0000, 0.0000, 0.0000



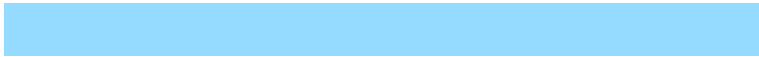
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9113, 0.2592, 0.2951



64.0560, 0.2483, 0.2864



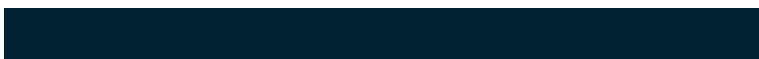
38.5446, 0.2522, 0.2427



15.4723, 0.2981, 0.3209



16.2236, 0.1930, 0.2147



1.3690, 0.1982, 0.2334

Inverse Universe

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



42.9762, 0.3412, 0.2699



47.5114, 0.3496, 0.2572



68.4990, 0.3695, 0.4025



14.5280, 0.3189, 0.3136



10.8355, 0.4289, 0.2137



0.8179, 0.4091, 0.2027

Previews

White Background



This preview shows how the Yxy color 54.9091, 0.2592, 0.2951 looks on a white background.

Color Contrast Check

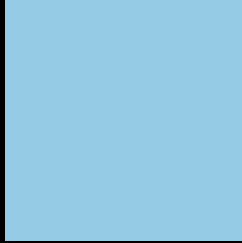
Large Text (above 18pt) WCAG AA × Fail

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 54.9091, 0.2592, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

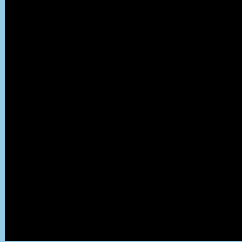
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9091, 0.2592, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 54.9091, 0.2592, 0.2951.



This preview shows how white text looks on a background with the Yxy color 54.9091, 0.2592, 0.2951.

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

54.9091, 0.2592, 0.2951

Protanopia

54.4689, 0.2884, 0.2922

Deuteranopia

54.3122, 0.2859, 0.2791



Tritanopia

55.1790, 0.2633, 0.3085

Trichromacy



Original Color

54.9091, 0.2592, 0.2951

Protanomaly

54.5375, 0.2767, 0.2937

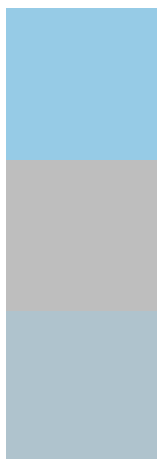
Deuteranomaly

54.4401, 0.2755, 0.2847

Tritanomaly

54.9571, 0.2621, 0.3036

Monochromacy



Original Color

54.9091, 0.2592, 0.2951

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5520, 0.2902, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9091, 0.2592, 0.2951 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, 203, 230)` looks like.

```
.text, #text, p{  
    color:rgb(150, 203, 230)  
}
```

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, 203, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 203, 230) }
```

Border

The CSS property to change the border of an element to Yxy 54.9091, 0.2592, 0.2951 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, 203, 230) }
```

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

```
.border{ border-color:rgb(150, 203, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 203, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 203, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 203, 230);  
box-shadow:4px 4px 4px 4px rgb(150, 203,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9091, 0.2592, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 203, 230) }
```

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

```
.background{ background-color: rgb(150,  
203, 230) }
```

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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