

Converting Colors

Yxy(56.9344, 0.2492, 0.2802)

Have a look what the booklet for
Yxy(56.9344, 0.2492, 0.2802)
contains.

Yxy(56.9074, 0.2491, 0.2804)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9074, 0.2491, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	92CEF6
RGB	146, 206, 246
RGB Percent	57%, 81%, 96%
CMY	0.4275, 0.1921, 0.0354
CMYK	0.41, 0.16, 0.00, 0.04
HSL	204°, 85%, 77%
HSV	204°, 41%, 96%
XYZ	50.5550, 56.9074, 95.4883
YIQ	192.6200, -48.6000, -0.2800

Conversions

Conversions Part 2

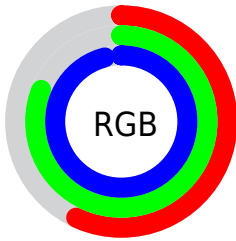
Format	Color
R _Y B	146, 184, 246
Decimal	9621238
CIE Lab	80.13, -9.23, -25.70
CIE LCh	80, 27.307, 250.250
Yxy	56.9074, 0.2491, 0.2804
Android (android.graphics.Color)	4287811318 (0xFF92CEF6)
YUV	192.6200, 26.3163, -40.8857
Hunter-Lab	75.4370, -12.3907, -22.2435

Details

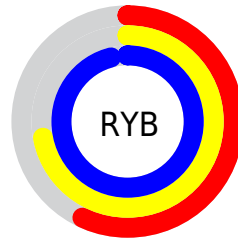
The Yxy color **56.9074, 0.2491, 0.2804** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.7636, 0.3984, 0.3724**, and the grayscale version is **52.9575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **28.3478, 0.2335, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **50.3055, 0.2344, 0.2659**, and if you desaturate by 10%, it is **64.2948, 0.2646, 0.2940**.

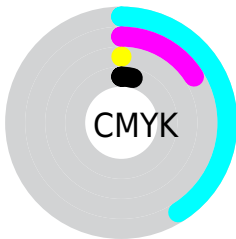
Distribution



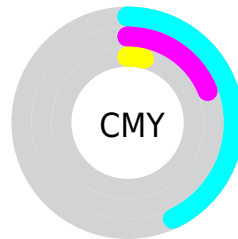
- Red (57%)
- Green (81%)
- Blue (96%)



- Red (57%)
- Yellow (72%)
- Blue (96%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9074, 0.2491, 0.2804 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 56.9074, 0.2491, 0.2804 by changing the saturation by 10% instead.

■ 56.9074, 0.2491,
0.2804

■ 56.9074, 0.2491,
0.2804

■ 413.1022, 0.2790,
0.3040

■ 40.9309, 0.2422,
0.2748

■ 100.3301, 0.2596,
0.2888

■ 28.2651, 0.2336,
0.2678

■ 128.5450, 0.2636,
0.2920

■ 18.5256, 0.2228,
0.2588

■ 161.6082, 0.2671,
0.2947

■ 11.3280, 0.2087,
0.2467

■ 199.9041, 0.2701,
0.2970

■ 6.2879, 0.1896,
0.2301

■ 243.8171, 0.2728,
0.2991

■ 3.0209, 0.1628,
0.2057

■ 293.7315, 0.2751,

■ 1.1427, 0.1235,

0.3009

0.1680

350.0317, 0.2772,
0.3025

0.0141, 0.0000,
0.0067

0.0000, 0.0000,
0.0000

56.9074, 0.2491,
0.2804

56.9074, 0.2491,
0.2804

50.3055, 0.2344,
0.2659

64.2948, 0.2646,
0.2940

44.4457, 0.2209,
0.2507

72.4948, 0.2804,
0.3066

39.2896, 0.2091,
0.2351

81.5413, 0.2962,
0.3180

34.7913, 0.1992,
0.2194

91.4637, 0.3117,
0.3284

■ 30.8969, 0.1915,
0.2039

■ 99.4324, 0.3179,
0.3376

■ 27.7234, 0.1861,
0.1899

Harmonies

Analogous

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



56.9074, 0.2475, 0.3040



56.9074, 0.2491, 0.2804



56.9074, 0.2665, 0.2708

Triad

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



56.9074, 0.2491, 0.2804



56.9074, 0.3651, 0.3181



56.9074, 0.3256, 0.3904

Complementary

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



56.9074, 0.2491, 0.2804



56.7636, 0.3984, 0.3724

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.



56.9074, 0.3587, 0.3909



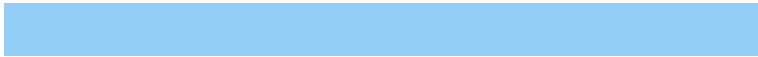
56.9074, 0.2491, 0.2804



56.9074, 0.3826, 0.3475

Square

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



56.9074, 0.2491, 0.2804



56.9074, 0.3329, 0.2924



56.9074, 0.3800, 0.3742



56.9074, 0.2904, 0.3702

Rectangle

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



56.9074, 0.2491, 0.2804



56.9074, 0.2855, 0.2724



56.9074, 0.3800, 0.3742



56.9074, 0.3374, 0.3928

Sweetspot

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



56.9096, 0.2491, 0.2804



87.0939, 0.2940, 0.3165



75.4813, 0.2872, 0.4053



18.3588, 0.2919, 0.3151



0.0000, 0.0000, 0.0000



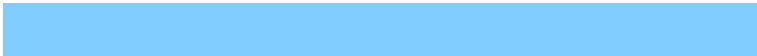
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9096, 0.2491, 0.2804



55.6583, 0.2366, 0.2682



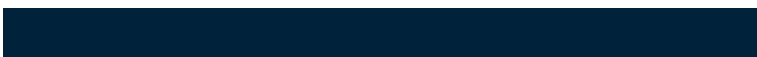
37.0990, 0.2392, 0.2183



17.5815, 0.2980, 0.3193



15.0827, 0.1868, 0.1924



1.5264, 0.1920, 0.2112

Inverse Universe

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



44.6002, 0.3539, 0.2656



41.6490, 0.3662, 0.2531



80.6866, 0.3780, 0.4196



16.6496, 0.3199, 0.3149



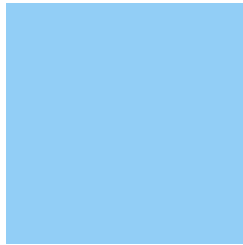
11.6220, 0.4540, 0.2275



1.0417, 0.4327, 0.2158

Previews

White Background



This preview shows how the Yxy color 56.9074, 0.2491, 0.2804 looks on a white background.

Color Contrast Check

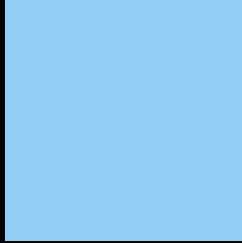
Large Text (above 18pt) WCAG AA × Fail

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 56.9074, 0.2491, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

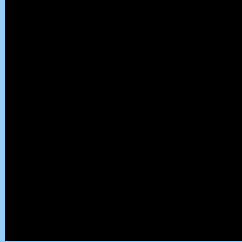
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9074, 0.2491, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 56.9074, 0.2491, 0.2804.



This preview shows how white text looks on a background with the Yxy color 56.9074, 0.2491, 0.2804.

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

56.9074, 0.2491, 0.2804

Protanopia

56.5307, 0.2781, 0.2792

Deuteranopia

56.4995, 0.2732, 0.2667



Tritanopia

56.7546, 0.2573, 0.3073

Trichromacy



Original Color

56.9074, 0.2491, 0.2804

Protanomaly

56.6036, 0.2661, 0.2794

Deuteranomaly

56.2794, 0.2637, 0.2707

Tritanomaly

56.8346, 0.2545, 0.2977

Monochromacy



Original Color

56.9074, 0.2491, 0.2804

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3717, 0.2864, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9074, 0.2491, 0.2804 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(146, 206, 246)` looks like.

```
.text, #text, p{  
    color:rgb(146, 206, 246)  
}
```

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(146, 206, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 206, 246) }
```

Border

The CSS property to change the border of an element to Yxy 56.9074, 0.2491, 0.2804 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(146, 206, 246) }
```

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

```
.border{ border-color:rgb(146, 206, 246) }
```

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

Here you see how a box with a 4 pixel rgb(146, 206, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 206, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 206, 246);  
box-shadow:4px 4px 4px 4px rgb(146, 206,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9074, 0.2491, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 206, 246) }
```

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

```
.background{ background-color: rgb(146,  
206, 246) }
```

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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