

Converting Colors

$Y_{xy}(50.3718, 0.2514, 0.2827)$

Have a look what the booklet for
Yxy(50.3718, 0.2514, 0.2827)
contains.

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Color

Yxy(50.3752, 0.2513, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	8CC3E7
RGB	140, 195, 231
RGB Percent	55%, 76%, 91%
CMY	0.4510, 0.2353, 0.0942
CMYK	0.39, 0.16, 0.00, 0.09
HSL	204°, 65%, 73%
HSV	204°, 39%, 91%
XYZ	44.7483, 50.3752, 82.9437
YIQ	182.6590, -44.3360, -0.4640

Conversions

Conversions Part 2

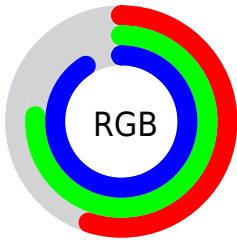
Format	Color
RYB	140, 174, 231
Decimal	9225191
CIELab	76.30, -8.87, -23.52
CIELCh	76, 25.138, 249.337
Yxy	50.3752, 0.2513, 0.2829
Android (android.graphics.Color)	4287415271 (0xFF8CC3E7)
YUV	182.6590, 23.8321, -37.4119
Hunter-Lab	70.9755, -11.6673, -19.6049

Details

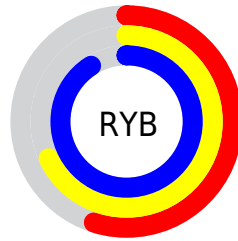
The Yxy color **50.3752, 0.2513, 0.2829** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.9059, 0.3948, 0.3704**, and the grayscale version is **47.0415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5766, 0.2781, 0.3257**, and **24.0762, 0.2356, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **44.6103, 0.2366, 0.2687**, and if you desaturate by 10%, it is **56.8151, 0.2667, 0.2962**.

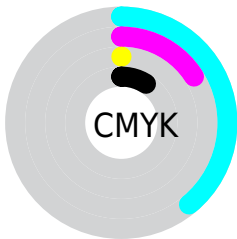
Distribution



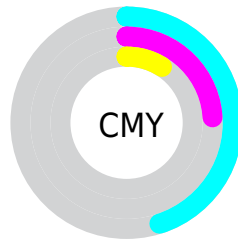
- Red (55%)
- Green (76%)
- Blue (91%)



- Red (55%)
- Yellow (68%)
- Blue (91%)



- Cyan (39%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)





- Cyan (45%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3752, 0.2513, 0.2829 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 50.3752, 0.2513, 0.2829 by changing the saturation by 10% instead.


 50.3752, 0.2513,
0.2829


 50.3752, 0.2513,
0.2829

388.1314, 0.2809,
0.3057

 35.7116, 0.2443,
0.2773

 90.7305, 0.2618,
0.2911

 24.2116, 0.2355,
0.2702


 117.1911, 0.2658,
0.2942

 15.4906, 0.2243,
0.2610


148.3527, 0.2692,
0.2969

 9.1644, 0.2093,
0.2484

184.5999, 0.2722,
0.2992

 4.8486, 0.1887,
0.2306

226.3169, 0.2748,
0.3011

 2.1587, 0.1588,
0.2035

273.8883, 0.2770,

 0.6973, 0.1018,

0.3029

0.1591

327.6983, 0.2791,
0.3044

0.0000, 0.0000,
0.0000

50.3752, 0.2513,
0.2829

50.3752, 0.2513,
0.2829

44.6103, 0.2366,
0.2687

56.8151, 0.2667,
0.2962

39.4837, 0.2230,
0.2538

63.9528, 0.2825,
0.3084

34.9631, 0.2110,
0.2385

71.8169, 0.2982,
0.3195

31.0101, 0.2009,
0.2230

80.4323, 0.3136,
0.3296

27.5800, 0.1930,
0.2078

89.7335, 0.3283,
0.3385

■ 24.6033, 0.1870,
0.1929

■ 95.2636, 0.3273,
0.3473

■ 24.4324, 0.1867,
0.1920

■ 98.5479, 0.3268,
0.3523

Harmonies

Analogous

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



50.3752, 0.2503, 0.3060



50.3752, 0.2513, 0.2829



50.3752, 0.2677, 0.2731

Triad

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



50.3752, 0.2513, 0.2829



50.3752, 0.3621, 0.3178



50.3752, 0.3262, 0.3880

Complementary

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



50.3752, 0.2513, 0.2829



49.9059, 0.3948, 0.3704

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.



50.3752, 0.3577, 0.3881



50.3752, 0.2513, 0.2829



50.3752, 0.3795, 0.3460

Square

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



50.3752, 0.2513, 0.2829



50.3752, 0.3311, 0.2932



50.3752, 0.3776, 0.3718



50.3752, 0.2923, 0.3692

Rectangle

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



50.3752, 0.2513, 0.2829



50.3752, 0.2857, 0.2744



50.3752, 0.3776, 0.3718



50.3752, 0.3375, 0.3902

Sweetspot

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



50.3771, 0.2513, 0.2829



87.1763, 0.2940, 0.3167



65.7993, 0.2879, 0.4022



18.3783, 0.2920, 0.3152



0.0000, 0.0000, 0.0000



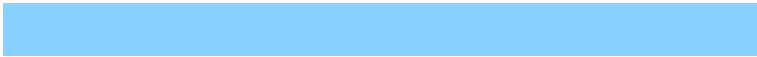
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3771, 0.2513, 0.2829



57.3161, 0.2397, 0.2718



33.3466, 0.2421, 0.2228



15.3302, 0.2981, 0.3195



13.9496, 0.1873, 0.1944



1.2108, 0.1934, 0.2161

Inverse Universe

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



39.6764, 0.3516, 0.2674



43.1658, 0.3626, 0.2555



70.2504, 0.3757, 0.4166



14.5137, 0.3198, 0.3149



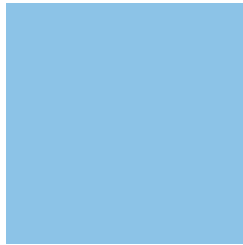
10.6059, 0.4517, 0.2262



0.8019, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 50.3752, 0.2513, 0.2829 looks on a white background.

Color Contrast Check

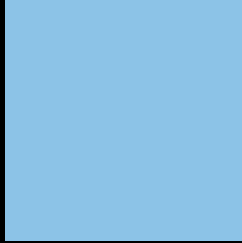
Large Text (above 18pt) WCAG AA × Fail

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 50.3752, 0.2513, 0.2829 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 50.3752, 0.2513, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 50.3752, 0.2513, 0.2829.



This preview shows how white text looks on a background with the Yxy color 50.3752, 0.2513, 0.2829.

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

50.3752, 0.2513, 0.2829

Protanopia

50.1378, 0.2792, 0.2814

Deuteranopia

50.1093, 0.2760, 0.2704



Tritanopia

50.3941, 0.2583, 0.3076

Trichromacy



Original Color

50.3752, 0.2513, 0.2829

Protanomaly

49.9406, 0.2683, 0.2816

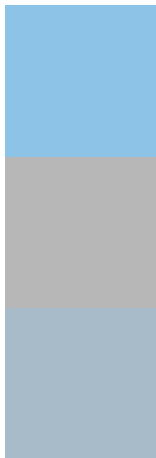
Deuteranomaly

50.0081, 0.2665, 0.2749

Tritanomaly

50.4182, 0.2560, 0.2987

Monochromacy



Original Color

50.3752, 0.2513, 0.2829

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.9263, 0.2873, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3752, 0.2513, 0.2829 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(140, 195, 231)` looks like.

```
.text, #text, p{  
    color:rgb(140, 195, 231)  
}
```

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(140, 195, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 195, 231) }
```

Border

The CSS property to change the border of an element to Yxy 50.3752, 0.2513, 0.2829 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(140, 195, 231) }
```

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

```
.border{ border-color:rgb(140, 195, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 195, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 195, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 195, 231);  
box-shadow:4px 4px 4px 4px rgb(140, 195,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3752, 0.2513, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 195, 231) }
```

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

```
.background{ background-color: rgb(140,  
195, 231) }
```

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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