

Converting Colors

$Yxy(60.9704, 0.2470, 0.2912)$

Have a look what the booklet for
Yxy(60.9704, 0.2470, 0.2912)
contains.

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Color

Yxy(60.8052, 0.2469, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	8BD7F7
RGB	139, 215, 247
RGB Percent	55%, 84%, 97%
CMY	0.4549, 0.1568, 0.0314
CMYK	0.44, 0.13, 0.00, 0.03
HSL	198°, 87%, 76%
HSV	198°, 44%, 97%
XYZ	51.7326, 60.8052, 96.9908
YIQ	195.9240, -55.5680, -6.1600

Conversions

Conversions Part 2

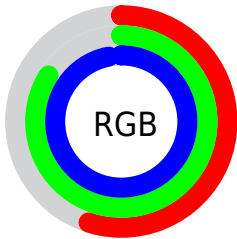
Format	Color
RYB	139, 184, 247
Decimal	9164791
CIELab	82.27, -15.36, -23.00
CIELCh	82, 27.655, 236.266
Yxy	60.8052, 0.2469, 0.2902
Android (android.graphics.Color)	4287354871 (0xFF8BD7F7)
YUV	195.9240, 25.1805, -49.9223
Hunter-Lab	77.9777, -18.0390, -19.1621

Details

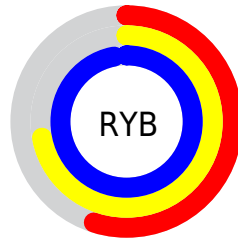
The Yxy color **60.8052, 0.2469, 0.2902** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.7486, 0.4127, 0.3638**, and the grayscale version is **55.0250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **30.6525, 0.2308, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **55.2746, 0.2339, 0.2795**, and if you desaturate by 10%, it is **66.9871, 0.2611, 0.3003**.

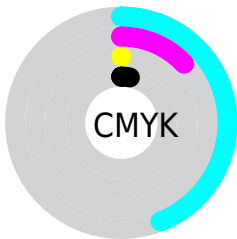
Distribution



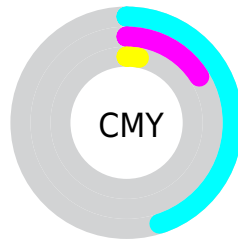
- Red (55%)
- Green (84%)
- Blue (97%)



- Red (55%)
- Yellow (72%)
- Blue (97%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)




- Cyan (45%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8052, 0.2469, 0.2902 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 60.8052, 0.2469, 0.2902 by changing the saturation by 10% instead.


 60.8052, 0.2469,
0.2902


 60.8052, 0.2469,
0.2902

427.5594, 0.2775,
0.3092

 44.0680, 0.2399,
0.2857

 105.9968, 0.2575,
0.2970

 30.7240, 0.2314,
0.2799


 135.2200, 0.2616,
0.2995

 20.3887, 0.2206,
0.2725


169.3740, 0.2652,
0.3017

 12.6779, 0.2066,
0.2627

208.8432, 0.2683,
0.3036

 7.2071, 0.1879,
0.2488

254.0119, 0.2710,
0.3053

 3.5920, 0.1619,
0.2284

305.2646, 0.2734,

 1.4481, 0.1243,

0.3067

0.1959

362.9856, 0.2756,
0.3080

0.2517, 0.0000,
0.1025

0.0000, 0.0000,
0.0000

60.8052, 0.2469,
0.2902

60.8052, 0.2469,
0.2902

55.2746, 0.2339,
0.2795

66.9871, 0.2611,
0.3003

50.3534, 0.2224,
0.2685

73.8452, 0.2760,
0.3097

46.0050, 0.2126,
0.2571

81.4111, 0.2914,
0.3184

42.1845, 0.2050,
0.2458

89.7123, 0.3070,
0.3263

■ 38.8374, 0.1993,
0.2346

■ 97.3271, 0.3176,
0.3334

■ 36.9297, 0.1966,
0.2276

■ 99.4943, 0.3174,
0.3367

Harmonies

Analogous

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



60.8052, 0.2530, 0.3189



60.8052, 0.2469, 0.2902



60.8052, 0.2571, 0.2739

Triad

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



60.8052, 0.2469, 0.2902



60.8052, 0.3510, 0.3056



60.8052, 0.3417, 0.3925

Complementary

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



60.8052, 0.2469, 0.2902



50.7486, 0.4127, 0.3638

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.



60.8052, 0.3700, 0.3844



60.8052, 0.2469, 0.2902



60.8052, 0.3762, 0.3337

Square

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



60.8052, 0.2469, 0.2902



60.8052, 0.3159, 0.2836



60.8052, 0.3831, 0.3622



60.8052, 0.3065, 0.3813

Rectangle

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



60.8052, 0.2469, 0.2902



60.8052, 0.2721, 0.2711



60.8052, 0.3831, 0.3622



60.8052, 0.3523, 0.3918

Sweetspot

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



60.8075, 0.2469, 0.2902



88.1424, 0.2925, 0.3190



74.8862, 0.2911, 0.4265



18.4641, 0.2891, 0.3171



0.0000, 0.0000, 0.0000



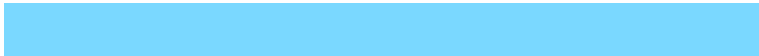
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8075, 0.2469, 0.2902



60.3644, 0.2359, 0.2813



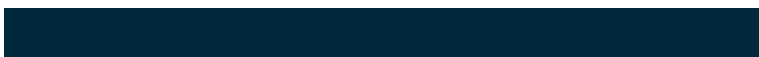
38.1812, 0.2352, 0.2222



17.8807, 0.2980, 0.3218



19.7928, 0.1971, 0.2295



1.9177, 0.2010, 0.2434

Inverse Universe

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



43.1409, 0.3470, 0.2502



40.2218, 0.3561, 0.2363



74.7235, 0.3876, 0.4164



16.6798, 0.3183, 0.3125



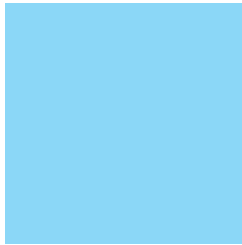
12.0975, 0.4132, 0.2050



1.0812, 0.3988, 0.1971

Previews

White Background



This preview shows how the Yxy color 60.8052, 0.2469, 0.2902 looks on a white background.

Color Contrast Check

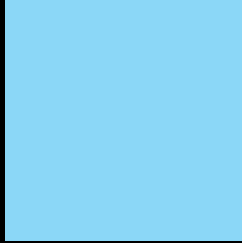
Large Text (above 18pt) WCAG AA × Fail

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 60.8052, 0.2469, 0.2902 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 60.8052, 0.2469, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 60.8052, 0.2469, 0.2902.

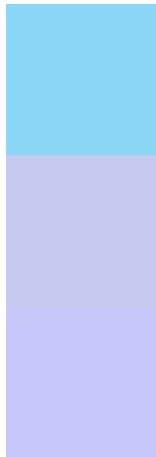


This preview shows how white text looks on a background with the Yxy color 60.8052, 0.2469, 0.2902.

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

60.8052, 0.2469, 0.2902

Protanopia

60.2844, 0.2847, 0.2881

Deuteranopia

60.0283, 0.2791, 0.2725



Tritanopia

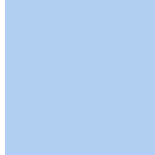
60.7748, 0.2512, 0.3065

Trichromacy



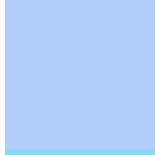
Original Color

60.8052, 0.2469, 0.2902



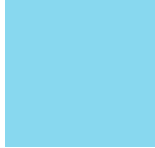
Protanomaly

60.2066, 0.2694, 0.2892



Deuteranomaly

59.9672, 0.2659, 0.2784



Tritanomaly

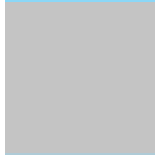
60.5780, 0.2495, 0.3005

Monochromacy



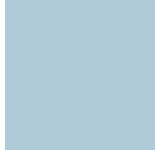
Original Color

60.8052, 0.2469, 0.2902



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.7321, 0.2841, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8052, 0.2469, 0.2902 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(139, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(139, 215, 247)  
}
```

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(139, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 215, 247) }
```

Border

The CSS property to change the border of an element to Yxy 60.8052, 0.2469, 0.2902 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(139, 215, 247) }
```

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

```
.border{ border-color:rgb(139, 215, 247) }
```

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

Here you see how a box with a 4 pixel rgb(139, 215, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(139, 215,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8052, 0.2469, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 215, 247) }
```

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

```
.background{ background-color: rgb(139,  
215, 247) }
```

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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