

Converting Colors

$Yxy(60.1384, 0.2466, 0.2918)$

Have a look what the booklet for
Yxy(60.1384, 0.2466, 0.2918)
contains.

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Color

Yxy(60.0041, 0.2467, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	89D6F5
RGB	137, 214, 245
RGB Percent	54%, 84%, 96%
CMY	0.4624, 0.1608, 0.0393
CMYK	0.44, 0.13, 0.00, 0.04
HSL	197°, 84%, 75%
HSV	197°, 44%, 96%
XYZ	50.8520, 60.0041, 95.2727
YIQ	194.5110, -55.8430, -6.6830

Conversions

Conversions Part 2

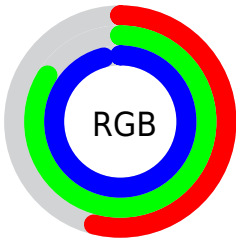
Format	Color
R_{YB}	137, 182, 245
Decimal	9033461
CIE Lab	81.84, -15.82, -22.60
CIE LCh	82, 27.589, 235.013
Yxy	60.0041, 0.2467, 0.2911
Android (android.graphics.Color)	4287223541 (0xFF89D6F5)
YUV	194.5110, 24.8911, -50.4371
Hunter-Lab	77.4623, -18.3785, -18.6986

Details

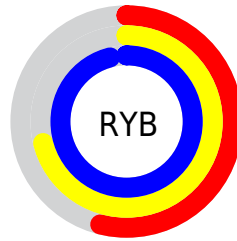
The Yxy color **60.0041, 0.2467, 0.2911** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.2508, 0.4141, 0.3630**, and the grayscale version is **54.1530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **30.1327, 0.2306, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **54.6793, 0.2338, 0.2808**, and if you desaturate by 10%, it is **65.9574, 0.2608, 0.3009**.

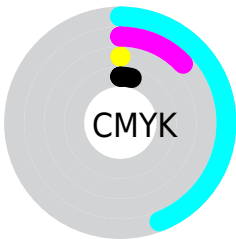
Distribution



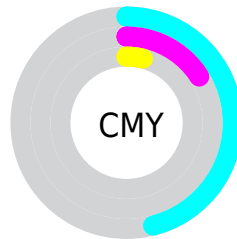
- Red (54%)
- Green (84%)
- Blue (96%)



- Red (54%)
- Yellow (71%)
- Blue (96%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)





- Cyan (46%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0041, 0.2467, 0.2911 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 60.0041, 0.2467, 0.2911 by changing the saturation by 10% instead.


 60.0041, 0.2467,
0.2911


 60.0041, 0.2467,
0.2911


424.6129, 0.2774,
0.3097

 43.4219, 0.2397,
0.2866


 104.8356, 0.2574,
0.2977

 30.2163, 0.2310,
0.2810


 133.8538, 0.2615,
0.3003

 20.0028, 0.2201,
0.2737


167.7860, 0.2651,
0.3024

 12.3971, 0.2060,
0.2638

207.0168, 0.2682,
0.3043

 7.0147, 0.1870,
0.2500

251.9305, 0.2709,
0.3059

 3.4713, 0.1606,
0.2295

302.9114, 0.2734,

 1.3825, 0.1223,

0.3073

0.1966

360.3441, 0.2755,
0.3086

0.2037, 0.0000,
0.0897

0.0000, 0.0000,
0.0000

60.0041, 0.2467,
0.2911

60.0041, 0.2467,
0.2911

54.6793, 0.2338,
0.2808

65.9574, 0.2608,
0.3009

49.9420, 0.2225,
0.2701

72.5634, 0.2756,
0.3100

45.7563, 0.2130,
0.2591

79.8531, 0.2910,
0.3185

42.0782, 0.2055,
0.2481

87.8531, 0.3065,
0.3261

■ 38.8542, 0.2000,
0.2373

■ 95.7104, 0.3189,
0.3331

■ 37.1036, 0.1975,
0.2309

■ 99.3715, 0.3185,
0.3386

Harmonies

Analogous

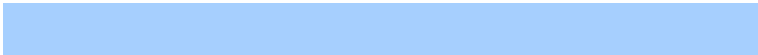
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0041, 0.2534, 0.3203



60.0041, 0.2467, 0.2911



60.0041, 0.2562, 0.2742

Triad

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



60.0041, 0.2467, 0.2911



60.0041, 0.3497, 0.3045



60.0041, 0.3431, 0.3927

Complementary

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



60.0041, 0.2467, 0.2911



49.2508, 0.4141, 0.3630

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.



60.0041, 0.3711, 0.3838



60.0041, 0.2467, 0.2911



60.0041, 0.3756, 0.3325

Square

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



60.0041, 0.2467, 0.2911



60.0041, 0.3143, 0.2828



60.0041, 0.3834, 0.3612



60.0041, 0.3080, 0.3823

Rectangle

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



60.0041, 0.2467, 0.2911



60.0041, 0.2709, 0.2710



60.0041, 0.3834, 0.3612



60.0041, 0.3537, 0.3917

Sweetspot

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



60.0064, 0.2467, 0.2911



88.3208, 0.2925, 0.3193



73.4340, 0.2910, 0.4273



18.5084, 0.2891, 0.3175



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.



60.0064, 0.2467, 0.2911



60.4078, 0.2350, 0.2818



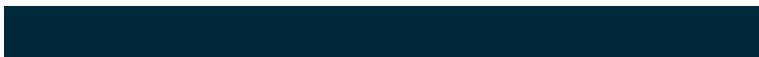
37.2194, 0.2347, 0.2213



17.9065, 0.2980, 0.3220



20.2404, 0.1980, 0.2326



1.9543, 0.2017, 0.2462

Inverse Universe

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



42.1795, 0.3464, 0.2487



39.6242, 0.3560, 0.2337



73.2506, 0.3881, 0.4169



16.6824, 0.3182, 0.3123



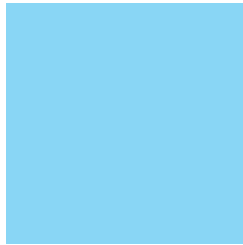
12.1427, 0.4099, 0.2032



1.0849, 0.3961, 0.1955

Previews

White Background



This preview shows how the Yxy color 60.0041, 0.2467, 0.2911 looks on a white background.

Color Contrast Check

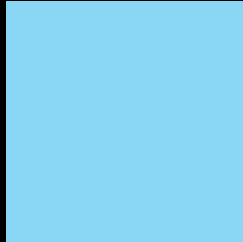
Large Text (above 18pt) WCAG AA × Fail

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 60.0041, 0.2467, 0.2911 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 60.0041, 0.2467, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 60.0041, 0.2467, 0.2911.



This preview shows how white text looks on a background with the Yxy color 60.0041, 0.2467, 0.2911.

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

60.0041, 0.2467, 0.2911

Protanopia

59.5652, 0.2852, 0.2890

Deuteranopia

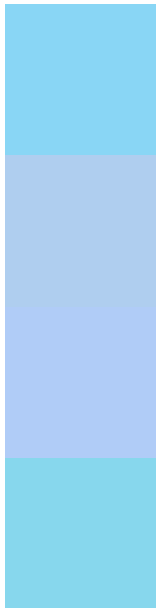
59.3076, 0.2796, 0.2732



Tritanopia

60.0633, 0.2514, 0.3076

Trichromacy



Original Color

60.0041, 0.2467, 0.2911

Protanomaly

59.4886, 0.2698, 0.2901

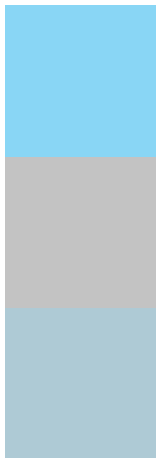
Deuteranomaly

59.1312, 0.2657, 0.2791

Tritanomaly

59.8662, 0.2498, 0.3016

Monochromacy



Original Color

60.0041, 0.2467, 0.2911

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0438, 0.2846, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0041, 0.2467, 0.2911 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(137, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(137, 214, 245)  
}
```

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(137, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 60.0041, 0.2467, 0.2911 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(137, 214, 245) }
```

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

```
.border{ border-color:rgb(137, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(137, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0041, 0.2467, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 214, 245) }
```

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

```
.background{ background-color: rgb(137,  
214, 245) }
```

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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