

Converting Colors

$Yxy(60.4854, 0.2486, 0.2903)$

Have a look what the booklet for
Yxy(60.4854, 0.2486, 0.2903)
contains.

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Color

Yxy(60.4977, 0.2487, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	8ED6F6
RGB	142, 214, 246
RGB Percent	56%, 84%, 96%
CMY	0.4428, 0.1608, 0.0353
CMYK	0.42, 0.13, 0.00, 0.04
HSL	198°, 85%, 76%
HSV	198°, 42%, 96%
XYZ	51.8462, 60.4977, 96.1250
YIQ	196.1200, -53.1840, -5.3120

Conversions

Conversions Part 2

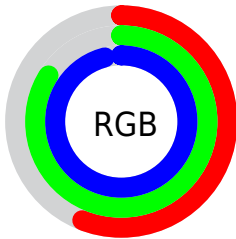
Format	Color
R _Y B	142, 185, 246
Decimal	9361142
CIE Lab	82.11, -14.34, -22.71
CIE LCh	82, 26.861, 237.723
Yxy	60.4977, 0.2487, 0.2902
Android (android.graphics.Color)	4287551222 (0xFF8ED6F6)
YUV	196.1200, 24.5908, -47.4632
Hunter-Lab	77.7803, -17.1322, -18.8276

Details

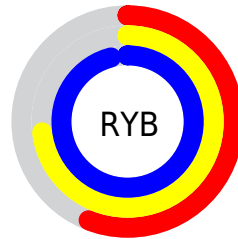
The Yxy color **60.4977, 0.2487, 0.2902** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **51.8550, 0.4074, 0.3640**, and the grayscale version is **55.1635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **30.4453, 0.2331, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **54.8111, 0.2353, 0.2792**, and if you desaturate by 10%, it is **66.8475, 0.2631, 0.3006**.

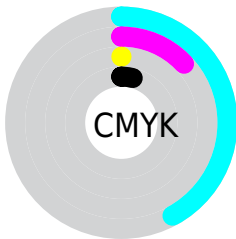
Distribution



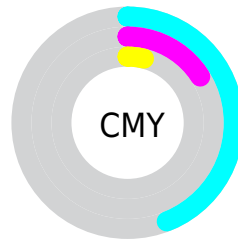
- Red (56%)
- Green (84%)
- Blue (96%)



- Red (56%)
- Yellow (73%)
- Blue (96%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)




- Cyan (44%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4977, 0.2487, 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 60.4977, 0.2487, 0.2902 by changing the saturation by 10% instead.


 60.4977, 0.2487,
0.2902


 60.4977, 0.2487,
0.2902


426.4299, 0.2785,
0.3091

 43.8199, 0.2419,
0.2857


 105.5513, 0.2590,
0.2969

 30.5290, 0.2335,
0.2800


 134.6959, 0.2631,
0.2995

 20.2404, 0.2229,
0.2726

168.7649, 0.2665,
0.3017

 12.5699, 0.2092,
0.2627

208.1428, 0.2695,
0.3036

 7.1331, 0.1908,
0.2489

253.2138, 0.2722,
0.3053

 3.5455, 0.1651,
0.2285

304.3623, 0.2745,

 1.4227, 0.1277,

0.3067

0.1961

361.9729, 0.2766,
0.3080

■ 0.2334, 0.0000,
0.0985

■ 0.0000, 0.0000,
0.0000

■ 60.4977, 0.2487,
0.2902

■ 60.4977, 0.2487,
0.2902

■ 54.8111, 0.2353,
0.2792

■ 66.8475, 0.2631,
0.3006

■ 49.7465, 0.2234,
0.2676

■ 73.8849, 0.2783,
0.3103

■ 45.2678, 0.2132,
0.2559

■ 81.6413, 0.2937,
0.3192

■ 41.3315, 0.2050,
0.2440

■ 90.1437, 0.3093,
0.3273

■ 37.8852, 0.1989,
0.2323

■ 97.4541, 0.3181,
0.3347

■ 35.4871, 0.1954,
0.2233

■ 99.4333, 0.3179,
0.3376

Harmonies

Analogous

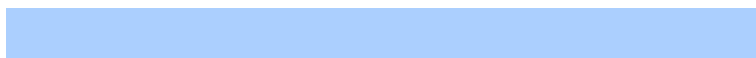
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4977, 0.2539, 0.3177



60.4977, 0.2487, 0.2902



60.4977, 0.2594, 0.2750

Triad

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



60.4977, 0.2487, 0.2902



60.4977, 0.3514, 0.3074



60.4977, 0.3393, 0.3906

Complementary

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



60.4977, 0.2487, 0.2902



51.8550, 0.4074, 0.3640

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.



60.4977, 0.3675, 0.3837



60.4977, 0.2487, 0.2902



60.4977, 0.3752, 0.3350

Square

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



60.4977, 0.2487, 0.2902



60.4977, 0.3175, 0.2856



60.4977, 0.3810, 0.3627



60.4977, 0.3051, 0.3788

Rectangle

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



60.4977, 0.2487, 0.2902



60.4977, 0.2744, 0.2726



60.4977, 0.3810, 0.3627



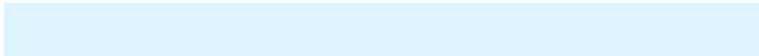
60.4977, 0.3499, 0.3903

Sweetspot

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



60.5000, 0.2487, 0.2902



87.9036, 0.2925, 0.3186



74.6922, 0.2908, 0.4202



18.4049, 0.2891, 0.3166



0.0000, 0.0000, 0.0000



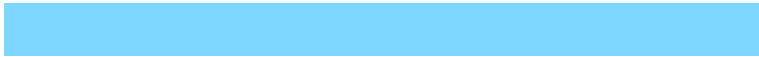
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5000, 0.2487, 0.2902



60.1487, 0.2368, 0.2804



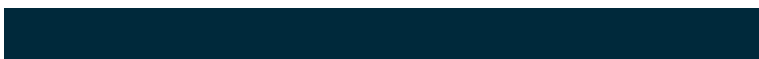
38.5609, 0.2378, 0.2243



17.8461, 0.2980, 0.3215



19.2034, 0.1959, 0.2252



1.8695, 0.1999, 0.2398

Inverse Universe

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



43.8190, 0.3467, 0.2539



40.8180, 0.3566, 0.2393



75.5116, 0.3841, 0.4151



16.6763, 0.3185, 0.3128



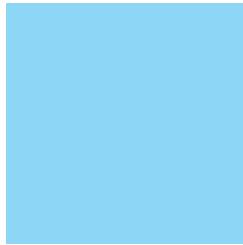
12.0380, 0.4177, 0.2075



1.0764, 0.4025, 0.1991

Previews

White Background



This preview shows how the Yxy color 60.4977, 0.2487, 0.2902 looks on a white background.

Color Contrast Check

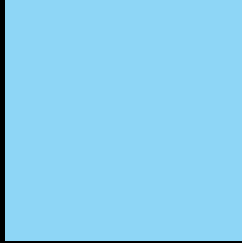
Large Text (above 18pt) WCAG AA × Fail

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 60.4977, 0.2487, 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 60.4977, 0.2487, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 60.4977, 0.2487, 0.2902.



This preview shows how white text looks on a background with the Yxy color 60.4977, 0.2487, 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

60.4977, 0.2487, 0.2902

Protanopia

60.1499, 0.2840, 0.2880

Deuteranopia

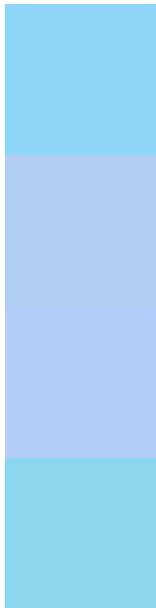
59.9658, 0.2798, 0.2735



Tritanopia

60.4839, 0.2540, 0.3078

Trichromacy



Original Color

60.4977, 0.2487, 0.2902

Protanomaly

59.7236, 0.2693, 0.2880

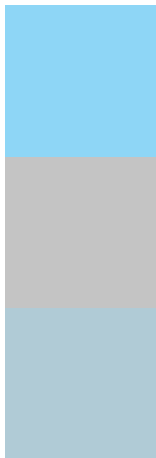
Deuteranomaly

59.5467, 0.2670, 0.2783

Tritanomaly

60.3494, 0.2518, 0.3006

Monochromacy



Original Color

60.4977, 0.2487, 0.2902

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.7970, 0.2854, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4977, 0.2487, 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(142, 214, 246)` looks like.

```
.text, #text, p{  
    color:rgb(142, 214, 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(142, 214, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 214, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.4977, 0.2487, 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(142, 214, 246) }
```

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

```
.border{ border-color:rgb(142, 214, 246) }
```

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

Here you see how a box with a 4 pixel rgb(142, 214, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 214, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 214, 246);  
box-shadow:4px 4px 4px 4px rgb(142, 214,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4977, 0.2487, 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(142, 214, 246) }
```

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

```
.background{ background-color: rgb(142,  
214, 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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