

Converting Colors

$Yxy(60.6803, 0.2637, 0.2918)$

Have a look what the booklet for
Yxy(60.6803, 0.2637, 0.2918)
contains.

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Color

Yxy(60.6110, 0.2632, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	A6D2F2
RGB	166, 210, 242
RGB Percent	65%, 82%, 95%
CMY	0.3489, 0.1765, 0.0510
CMYK	0.31, 0.13, 0.00, 0.05
HSL	205°, 74%, 80%
HSV	205°, 31%, 95%
XYZ	54.8018, 60.6110, 92.8008
YIQ	200.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

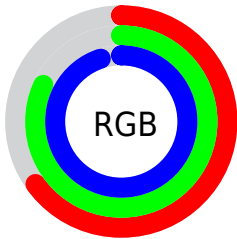
Format	Color
R _Y B	166, 194, 242
Decimal	10932978
CIE Lab	82.17, -6.99, -20.37
CIE LCh	82, 21.532, 251.064
Yxy	60.6110, 0.2632, 0.2911
Android (android.graphics.Color)	4289123058 (0xFFA6D2F2)
YUV	200.4920, 20.4634, -30.2495
Hunter-Lab	77.8531, -10.5943, -16.1765

Details

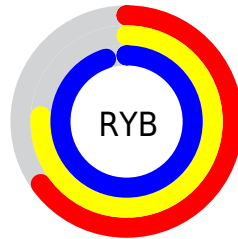
The Yxy color **60.6110, 0.2632, 0.2911** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.0240, 0.3737, 0.3639**, and the grayscale version is **57.9706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **30.7668, 0.2513, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **53.3664, 0.2476, 0.2766**, and if you desaturate by 10%, it is **68.6728, 0.2791, 0.3045**.

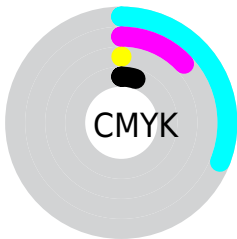
Distribution



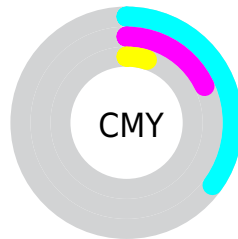
- Red (65%)
- Green (82%)
- Blue (95%)



- Red (65%)
- Yellow (76%)
- Blue (95%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6110, 0.2632, 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 60.6110, 0.2632, 0.2911 by changing the saturation by 10% instead.

■ 60.6110, 0.2632,
0.2911

■ 60.6110, 0.2632,
0.2911

■ 426.8463, 0.2864,
0.3093

■ 43.9113, 0.2578,
0.2868

■ 105.7155, 0.2713,
0.2975

■ 30.6008, 0.2512,
0.2814

■ 134.8891, 0.2745,
0.3000

■ 20.2951, 0.2427,
0.2745

■ 168.9894, 0.2772,
0.3021

■ 12.6097, 0.2317,
0.2653

■ 208.4009, 0.2795,
0.3039

■ 7.1603, 0.2166,
0.2525

■ 253.5079, 0.2816,
0.3055

■ 3.5626, 0.1950,
0.2337

■ 304.6949, 0.2834,

■ 1.4320, 0.1621,

0.3069

0.2037

362.3462, 0.2850,
0.3082

0.2401, 0.0265,
0.1103

0.0000, 0.0000,
0.0000

60.6110, 0.2632,
0.2911

60.6110, 0.2632,
0.2911

53.3664, 0.2476,
0.2766

68.6728, 0.2791,
0.3045

46.8983, 0.2327,
0.2612

77.5759, 0.2950,
0.3166

41.1725, 0.2190,
0.2451

87.3521, 0.3106,
0.3276

36.1489, 0.2070,
0.2286

96.5144, 0.3206,
0.3375

■ 31.7819, 0.1969,
0.2121

■ 99.1898, 0.3203,
0.3415

■ 28.0179, 0.1891,
0.1959

■ 25.1901, 0.1840,
0.1824

Harmonies

Analogous

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



60.6110, 0.2616, 0.3096



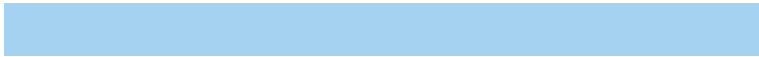
60.6110, 0.2632, 0.2911



60.6110, 0.2774, 0.2834

Triad

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



60.6110, 0.2632, 0.2911



60.6110, 0.3536, 0.3214



60.6110, 0.3223, 0.3755

Complementary

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



60.6110, 0.2632, 0.2911



62.0240, 0.3737, 0.3639

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.



60.6110, 0.3479, 0.3770



60.6110, 0.2632, 0.2911



60.6110, 0.3667, 0.3446

Square

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



60.6110, 0.2632, 0.2911



60.6110, 0.3293, 0.3009



60.6110, 0.3644, 0.3650



60.6110, 0.2950, 0.3598

Rectangle

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



60.6110, 0.2632, 0.2911



60.6110, 0.2925, 0.2847



60.6110, 0.3644, 0.3650



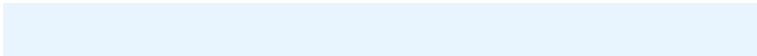
60.6110, 0.3314, 0.3777

Sweetspot

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



60.6134, 0.2632, 0.2911



89.8922, 0.2987, 0.3193



75.6671, 0.2909, 0.3820



18.9072, 0.2964, 0.3177



0.0000, 0.0000, 0.0000



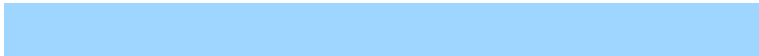
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6134, 0.2632, 0.2911



62.6910, 0.2527, 0.2815



44.1632, 0.2576, 0.2443



16.7487, 0.2980, 0.3188



13.8108, 0.1847, 0.1850



1.3453, 0.1905, 0.2057

Inverse Universe

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



50.8116, 0.3434, 0.2819



50.6128, 0.3523, 0.2716



81.4205, 0.3620, 0.4016



15.9123, 0.3203, 0.3154



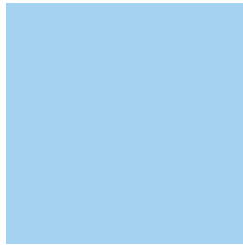
11.1876, 0.4627, 0.2322



0.9505, 0.4388, 0.2191

Previews

White Background



This preview shows how the Yxy color 60.6110, 0.2632, 0.2911 looks on a white background.

Color Contrast Check

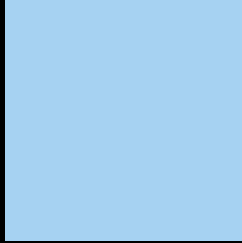
Large Text (above 18pt) WCAG AA × Fail

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 60.6110, 0.2632, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

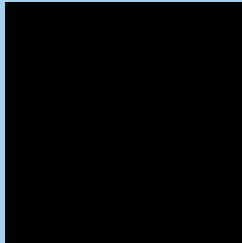
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

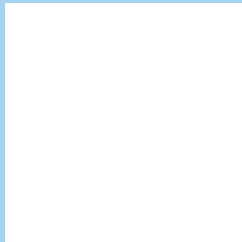
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6110, 0.2632, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 60.6110, 0.2632, 0.2911.



This preview shows how white text looks on a background with the Yxy color 60.6110, 0.2632, 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

60.6110, 0.2632, 0.2911

Protanopia

60.2258, 0.2854, 0.2892

Deuteranopia

60.2159, 0.2857, 0.2790



Tritanopia

60.5306, 0.2689, 0.3083

Trichromacy



Original Color

60.6110, 0.2632, 0.2911

Protanomaly

60.3337, 0.2769, 0.2897

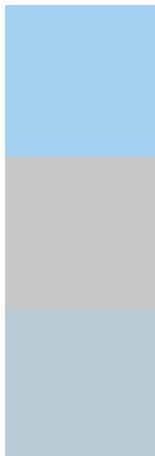
Deuteranomaly

60.1301, 0.2769, 0.2834

Tritanomaly

60.4216, 0.2665, 0.3013

Monochromacy



Original Color

60.6110, 0.2632, 0.2911

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7834, 0.2933, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6110, 0.2632, 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(166, 210, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 210, 242)  
}
```

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(166, 210, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 210, 242) }
```

Border

The CSS property to change the border of an element to Yxy 60.6110, 0.2632, 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(166, 210, 242) }
```

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

```
.border{ border-color:rgb(166, 210, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 210, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 210, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 210, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 210,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6110, 0.2632, 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(166, 210, 242) }
```

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

```
.background{ background-color: rgb(166,  
210, 242) }
```

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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