

Converting Colors

$Yxy(60.5766, 0.2689, 0.2903)$

Have a look what the booklet for
Yxy(60.5766, 0.2689, 0.2903)
contains.

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Color

Yxy(60.5766, 0.2689, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	AFD0F1
RGB	175, 208, 241
RGB Percent	69%, 82%, 95%
CMY	0.3138, 0.1843, 0.0548
CMYK	0.27, 0.14, 0.00, 0.05
HSL	210°, 70%, 82%
HSV	210°, 27%, 95%
XYZ	56.1111, 60.5766, 91.9813
YIQ	201.8950, -30.2610, 3.2670

Conversions

Conversions Part 2

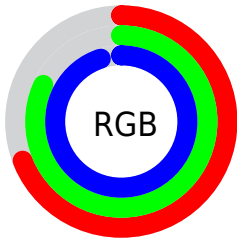
Format	Color
R _Y B	175, 197, 241
Decimal	11522289
CIE Lab	82.15, -3.62, -19.84
CIE LCh	82, 20.167, 259.661
Yxy	60.5766, 0.2689, 0.2903
Android (android.graphics.Color)	4289712369 (0xFFAFD0F1)
YUV	201.8950, 19.2788, -23.5869
Hunter-Lab	77.8310, -7.5173, -15.5877

Details

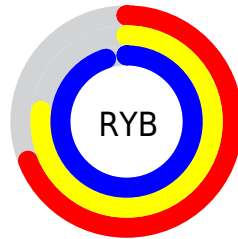
The Yxy color $60.5766, 0.2689, 0.2903$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $66.9127, 0.3629, 0.3648$, and the grayscale version is $58.8847, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.8958, 0.2987, 0.3290$, and $30.6789, 0.2582, 0.2809$ is the 20% darker color. If you saturate the color by 10%, you get $52.3801, 0.2524, 0.2735$, and if you desaturate by 10%, it is $69.7221, 0.2853, 0.3057$.

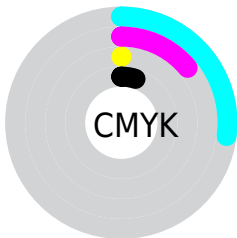
Distribution



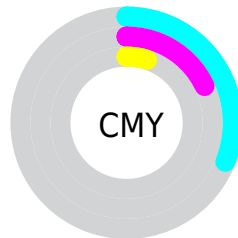
- Red (69%)
- Green (82%)
- Blue (95%)



- Red (69%)
- Yellow (77%)
- Blue (95%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5766, 0.2689, 0.2903 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 60.5766, 0.2689, 0.2903 by changing the saturation by 10% instead.

■ 60.5766, 0.2689,
0.2903

■ 60.5766, 0.2689,
0.2903

426.7199, 0.2895,
0.3087

■ 43.8836, 0.2641,
0.2860

■ 105.6656, 0.2761,
0.2968

■ 30.5790, 0.2582,
0.2806

134.8304, 0.2789,
0.2993

■ 20.2785, 0.2506,
0.2736

168.9213, 0.2813,
0.3014

■ 12.5976, 0.2406,
0.2645

208.3225, 0.2834,
0.3033

■ 7.1521, 0.2270,
0.2517

253.4186, 0.2852,
0.3049

■ 3.5574, 0.2072,
0.2331

304.5940, 0.2868,

■ 1.4292, 0.1767,

0.3063

362.2329, 0.2883,
0.3076

0.2036

0.2381, 0.0628,
0.1084

0.0000, 0.0000,
0.0000

60.5766, 0.2689,
0.2903

60.5766, 0.2689,
0.2903

52.3801, 0.2524,
0.2735

69.7221, 0.2853,
0.3057

45.0892, 0.2363,
0.2554

79.8435, 0.3013,
0.3196

38.6669, 0.2210,
0.2363

90.9753, 0.3166,
0.3321

33.0707, 0.2071,
0.2167

99.1330, 0.3208,
0.3424

■ 28.2531, 0.1950,
0.1969

■ 24.1597, 0.1853,
0.1777

■ 20.7222, 0.1781,
0.1596

■ 19.9143, 0.1764,
0.1550

Harmonies

Analogous

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



60.5766, 0.2639, 0.3050



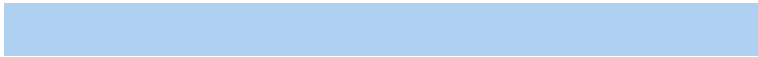
60.5766, 0.2689, 0.2903



60.5766, 0.2852, 0.2861

Triad

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



60.5766, 0.2689, 0.2903



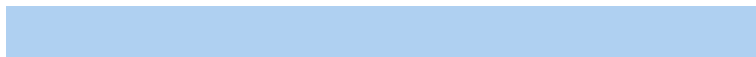
60.5766, 0.3558, 0.3282



60.5766, 0.3143, 0.3695

Complementary

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



60.5766, 0.2689, 0.2903



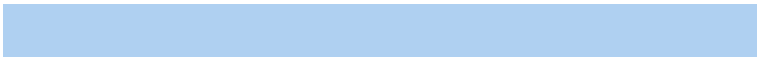
66.9127, 0.3629, 0.3648

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.



60.5766, 0.3395, 0.3749



60.5766, 0.2689, 0.2903



60.5766, 0.3641, 0.3497

Square

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



60.5766, 0.2689, 0.2903



60.5766, 0.3355, 0.3076



60.5766, 0.3579, 0.3671



60.5766, 0.2894, 0.3517

Rectangle

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



60.5766, 0.2689, 0.2903



60.5766, 0.3008, 0.2893



60.5766, 0.3579, 0.3671



60.5766, 0.3230, 0.3728

Sweetspot

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



60.5790, 0.2689, 0.2903



89.9987, 0.3003, 0.3188



76.5427, 0.2910, 0.3689



18.8786, 0.2979, 0.3168



0.0000, 0.0000, 0.0000



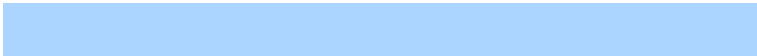
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5790, 0.2689, 0.2903



63.4144, 0.2595, 0.2809



46.5427, 0.2650, 0.2512



16.5348, 0.2980, 0.3169



11.0655, 0.1772, 0.1579



1.1195, 0.1838, 0.1817

Inverse Universe

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



53.9103, 0.3430, 0.2935



55.1297, 0.3514, 0.2858



84.0829, 0.3545, 0.3965



15.8907, 0.3215, 0.3172



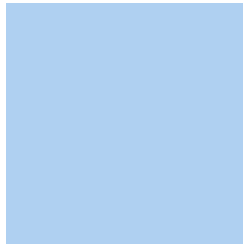
10.9104, 0.4958, 0.2505



0.9277, 0.4666, 0.2344

Previews

White Background



This preview shows how the Yxy color 60.5766, 0.2689, 0.2903 looks on a white background.

Color Contrast Check

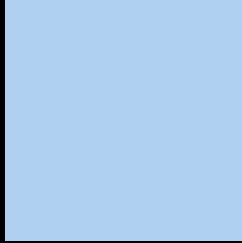
Large Text (above 18pt) WCAG AA × Fail

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 60.5766, 0.2689, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

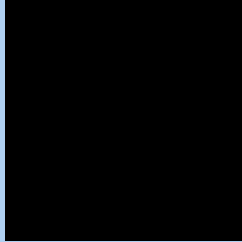
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

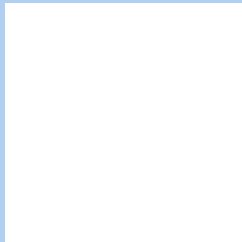
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5766, 0.2689, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 60.5766, 0.2689, 0.2903.



This preview shows how white text looks on a background with the Yxy color 60.5766, 0.2689, 0.2903.

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

60.5766, 0.2689, 0.2903

Protanopia

60.2258, 0.2854, 0.2892

Deuteranopia

60.2970, 0.2870, 0.2801



Tritanopia

60.4099, 0.2754, 0.3085

Trichromacy



Original Color

60.5766, 0.2689, 0.2903

Protanomaly

60.1776, 0.2794, 0.2898

Deuteranomaly

60.1212, 0.2802, 0.2836

Tritanomaly

60.3114, 0.2730, 0.3015

Monochromacy



Original Color

60.5766, 0.2689, 0.2903

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3501, 0.2955, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5766, 0.2689, 0.2903 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(175, 208, 241)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 241)  
}
```

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(175, 208, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 241) }
```

Border

The CSS property to change the border of an element to Yxy 60.5766, 0.2689, 0.2903 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(175, 208, 241) }
```

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

```
.border{ border-color:rgb(175, 208, 241) }
```

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

Here you see how a box with a 4 pixel rgb(175, 208, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 241);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5766, 0.2689, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 241) }
```

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

```
.background{ background-color: rgb(175,  
208, 241) }
```

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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