

Converting Colors

$Yxy(62.0061, 0.2598, 0.2904)$

Have a look what the booklet for
Yxy(62.0061, 0.2598, 0.2904)
contains.

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Color

Yxy(62.0289, 0.2597, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	A3D5F6
RGB	163, 213, 246
RGB Percent	64%, 84%, 96%
CMY	0.3610, 0.1647, 0.0352
CMYK	0.34, 0.13, 0.00, 0.04
HSL	204°, 82%, 80%
HSV	204°, 34%, 96%
XYZ	55.5288, 62.0289, 96.2613
YIQ	201.8120, -40.3930, -0.3370

Conversions

Conversions Part 2

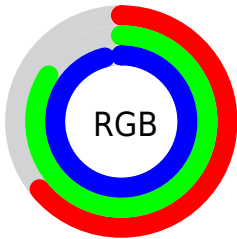
Format	Color
R _Y B	163, 194, 246
Decimal	10737142
CIE Lab	82.93, -8.43, -21.39
CIE LCh	83, 22.987, 248.487
Yxy	62.0289, 0.2597, 0.2901
Android (android.graphics.Color)	4288927222 (0xFFA3D5F6)
YUV	201.8120, 21.7847, -34.0381
Hunter-Lab	78.7584, -11.9754, -17.3354

Details

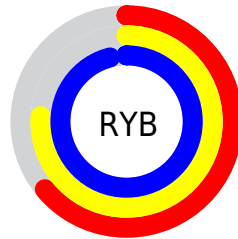
The Yxy color **62.0289, 0.2597, 0.2901** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.7086, 0.3803, 0.3647**, and the grayscale version is **58.8163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **31.3596, 0.2465, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **54.9106, 0.2445, 0.2763**, and if you desaturate by 10%, it is **69.9539, 0.2754, 0.3029**.

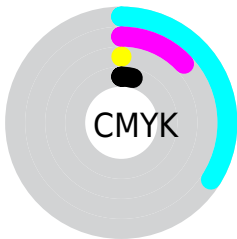
Distribution



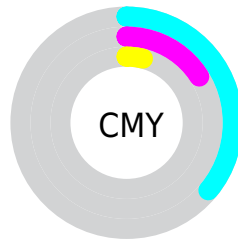
- Red (64%)
- Green (84%)
- Blue (96%)



- Red (64%)
- Yellow (76%)
- Blue (96%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0289, 0.2597, 0.2901 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 62.0289, 0.2597, 0.2901 by changing the saturation by 10% instead.

■ 62.0289, 0.2597,
0.2901

■ 62.0289, 0.2597,
0.2901

■ 432.0365, 0.2844,
0.3087

■ 45.0561, 0.2540,
0.2857

■ 107.7673, 0.2683,
0.2967

■ 31.5016, 0.2470,
0.2802

■ 137.3016, 0.2716,
0.2992

■ 20.9811, 0.2382,
0.2732

■ 171.7919, 0.2745,
0.3014

■ 13.1102, 0.2266,
0.2638

■ 211.6226, 0.2770,
0.3032

■ 7.5045, 0.2110,
0.2509

■ 257.1780, 0.2792,
0.3049

■ 3.7795, 0.1889,
0.2320

■ 308.8425, 0.2812,

■ 1.5510, 0.1558,

0.3063

0.2022

367.0005, 0.2829,
0.3076

0.3242, 0.0398,
0.1260

0.0000, 0.0000,
0.0000

62.0289, 0.2597,
0.2901

62.0289, 0.2597,
0.2901

54.9106, 0.2445,
0.2763

69.9539, 0.2754,
0.3029

48.5570, 0.2301,
0.2616

78.7102, 0.2913,
0.3147

42.9328, 0.2171,
0.2463

88.3305, 0.3069,
0.3253

37.9960, 0.2059,
0.2307

97.6163, 0.3181,
0.3349

■ 33.6987, 0.1967,
0.2152

■ 99.4359, 0.3179,
0.3376

■ 29.9835, 0.1898,
0.2000

■ 27.9131, 0.1863,
0.1907

Harmonies

Analogous

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



62.0289, 0.2592, 0.3104



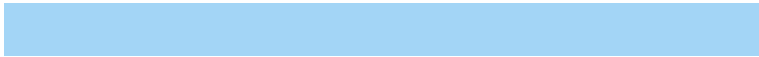
62.0289, 0.2597, 0.2901



62.0289, 0.2735, 0.2810

Triad

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



62.0289, 0.2597, 0.2901



62.0289, 0.3542, 0.3189



62.0289, 0.3253, 0.3792

Complementary

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



62.0289, 0.2597, 0.2901



61.7086, 0.3803, 0.3647

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.



62.0289, 0.3519, 0.3792



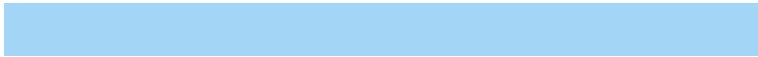
62.0289, 0.2597, 0.2901



62.0289, 0.3693, 0.3433

Square

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



62.0289, 0.2597, 0.2901



62.0289, 0.3277, 0.2977



62.0289, 0.3683, 0.3654



62.0289, 0.2962, 0.3637

Rectangle

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



62.0289, 0.2597, 0.2901



62.0289, 0.2890, 0.2818



62.0289, 0.3683, 0.3654



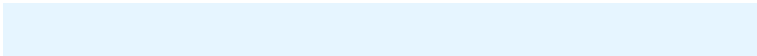
62.0289, 0.3349, 0.3810

Sweetspot

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



62.0313, 0.2597, 0.2901



89.1835, 0.2972, 0.3188



77.6445, 0.2909, 0.3902



18.7800, 0.2950, 0.3173



0.0000, 0.0000, 0.0000



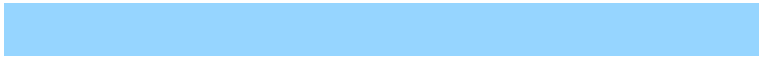
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0313, 0.2597, 0.2901



61.5600, 0.2485, 0.2801



44.1872, 0.2532, 0.2400



17.5880, 0.2980, 0.3194



15.1760, 0.1870, 0.1932



1.5343, 0.1922, 0.2120

Inverse Universe

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



50.5800, 0.3447, 0.2763



48.0434, 0.3543, 0.2648



82.4289, 0.3667, 0.4046



16.6502, 0.3199, 0.3148



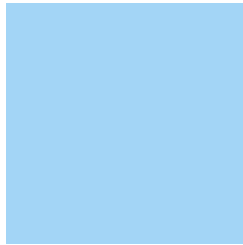
11.6314, 0.4531, 0.2270



1.0425, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 62.0289, 0.2597, 0.2901 looks on a white background.

Color Contrast Check

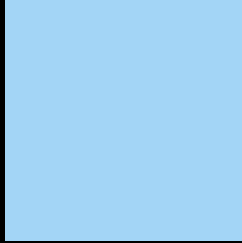
Large Text (above 18pt) WCAG AA × Fail

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 62.0289, 0.2597, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

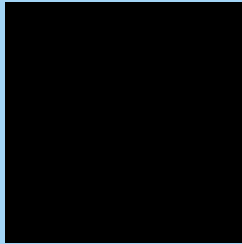
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

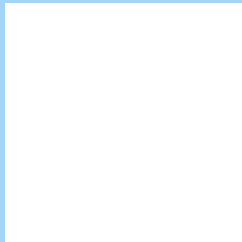
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0289, 0.2597, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 62.0289, 0.2597, 0.2901.



This preview shows how white text looks on a background with the Yxy color 62.0289, 0.2597, 0.2901.

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

62.0289, 0.2597, 0.2901

Protanopia

61.6191, 0.2850, 0.2885

Deuteranopia

61.5297, 0.2839, 0.2773



Tritanopia

61.9577, 0.2653, 0.3072

Trichromacy



Original Color

62.0289, 0.2597, 0.2901

Protanomaly

61.4756, 0.2753, 0.2888

Deuteranomaly

61.3252, 0.2747, 0.2815

Tritanomaly

61.8432, 0.2630, 0.3002

Monochromacy



Original Color

62.0289, 0.2597, 0.2901

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8959, 0.2914, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0289, 0.2597, 0.2901 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(163, 213, 246)` looks like.

```
.text, #text, p{  
    color:rgb(163, 213, 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(163, 213, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 213, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.0289, 0.2597, 0.2901 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(163, 213, 246) }
```

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

```
.border{ border-color:rgb(163, 213, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 213, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(163, 213,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0289, 0.2597, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 213, 246) }
```

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

```
.background{ background-color: rgb(163,  
213, 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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