

Converting Colors

Yxy(61.5669, 0.2688, 0.2923)

Have a look what the booklet for
Yxy(61.5669, 0.2688, 0.2923)
contains.

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Color

Yxy(61.5580, 0.2692, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	AFD2F1
RGB	175, 210, 241
RGB Percent	69%, 82%, 95%
CMY	0.3135, 0.1765, 0.0548
CMYK	0.27, 0.13, 0.00, 0.05
HSL	208°, 70%, 82%
HSV	208°, 27%, 95%
XYZ	56.6157, 61.5580, 92.1372
YIQ	203.0690, -30.8110, 2.2210

Conversions

Conversions Part 2

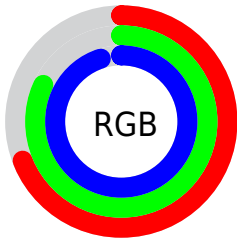
Format	Color
R _Y B	175, 198, 241
Decimal	11522801
CIE Lab	82.68, -4.64, -19.04
CIE LCh	83, 19.594, 256.307
Yxy	61.5580, 0.2692, 0.2927
Android (android.graphics.Color)	4289712881 (0xFFAFD2F1)
YUV	203.0690, 18.7000, -24.6165
Hunter-Lab	78.4589, -8.4981, -14.7052

Details

The Yxy color **61.5580, 0.2692, 0.2927** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.9942, 0.3634, 0.3627**, and the grayscale version is **59.6699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **31.3447, 0.2586, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **53.6120, 0.2530, 0.2769**, and if you desaturate by 10%, it is **70.4036, 0.2854, 0.3072**.

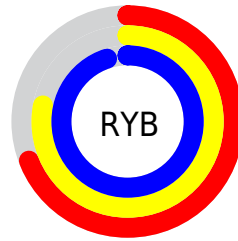
Distribution



Red (69%)

Green (82%)

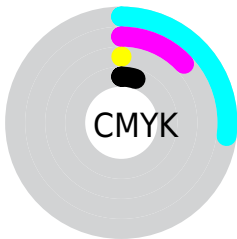
Blue (95%)



Red (69%)

Yellow (78%)

Blue (95%)

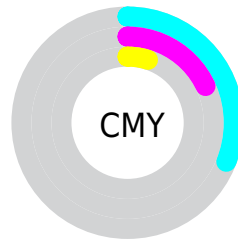


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5580, 0.2692, 0.2927 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 61.5580, 0.2692, 0.2927 by changing the saturation by 10% instead.

■ 61.5580, 0.2692,
0.2927

■ 61.5580, 0.2692,
0.2927

430.3170, 0.2896,
0.3100

■ 44.6756, 0.2645,
0.2886

■ 107.0865, 0.2763,
0.2988

■ 31.2020, 0.2586,
0.2836

136.5014, 0.2791,
0.3011

■ 20.7527, 0.2511,
0.2771

170.8626, 0.2815,
0.3032

■ 12.9434, 0.2413,
0.2684

210.5545, 0.2835,
0.3049

■ 7.3896, 0.2279,
0.2565

255.9615, 0.2854,
0.3064

■ 3.7069, 0.2086,
0.2389

307.4680, 0.2869,

■ 1.5110, 0.1788,

0.3078

0.2110

365.4583, 0.2884,
0.3089

0.2964, 0.0734,
0.1291

0.0000, 0.0000,
0.0000

61.5580, 0.2692,
0.2927

61.5580, 0.2692,
0.2927

53.6120, 0.2530,
0.2769

70.4036, 0.2854,
0.3072

46.5235, 0.2372,
0.2600

80.1740, 0.3013,
0.3202

40.2578, 0.2223,
0.2421

90.9020, 0.3167,
0.3320

34.7739, 0.2088,
0.2237

99.1325, 0.3208,
0.3424

■ 30.0265, 0.1972,
0.2051

■ 25.9633, 0.1878,
0.1869

■ 22.5183, 0.1808,
0.1695

■ 21.6903, 0.1792,
0.1650

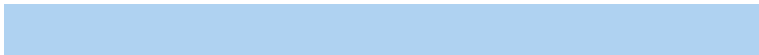
Harmonies

Analogous

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



61.5580, 0.2657, 0.3080



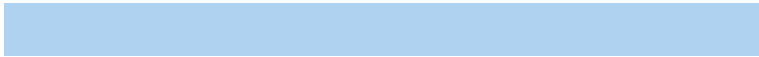
61.5580, 0.2692, 0.2927



61.5580, 0.2839, 0.2874

Triad

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



61.5580, 0.2692, 0.2927



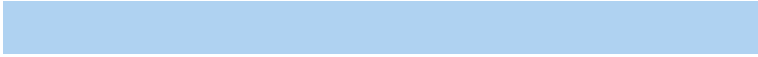
61.5580, 0.3526, 0.3259



61.5580, 0.3171, 0.3693

Complementary

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



61.5580, 0.2692, 0.2927



65.9942, 0.3634, 0.3627

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.



61.5580, 0.3410, 0.3731



61.5580, 0.2692, 0.2927



61.5580, 0.3622, 0.3469

Square

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



61.5580, 0.2692, 0.2927



61.5580, 0.3321, 0.3064



61.5580, 0.3578, 0.3644



61.5580, 0.2927, 0.3533

Rectangle

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



61.5580, 0.2692, 0.2927



61.5580, 0.2985, 0.2897



61.5580, 0.3578, 0.3644



61.5580, 0.3255, 0.3721

Sweetspot

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



61.5605, 0.2692, 0.2927



90.3619, 0.3003, 0.3194



76.4964, 0.2917, 0.3702



18.9700, 0.2979, 0.3175



0.0000, 0.0000, 0.0000



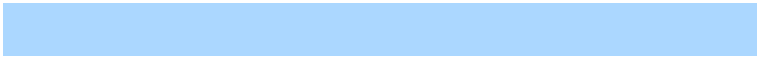
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5605, 0.2692, 0.2927



64.6680, 0.2599, 0.2838



47.0205, 0.2652, 0.2527



16.6143, 0.2980, 0.3176



12.0320, 0.1800, 0.1678



1.2001, 0.1863, 0.1906

Inverse Universe

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



54.0417, 0.3413, 0.2915



55.2563, 0.3492, 0.2834



83.4356, 0.3547, 0.3954



15.8987, 0.3210, 0.3166



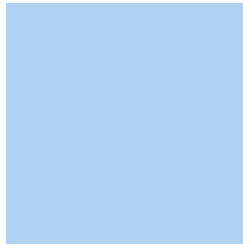
11.0080, 0.4834, 0.2436



0.9359, 0.4561, 0.2286

Previews

White Background



This preview shows how the Yxy color 61.5580, 0.2692, 0.2927 looks on a white background.

Color Contrast Check

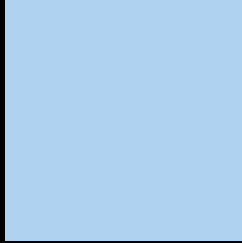
Large Text (above 18pt) WCAG AA × Fail

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 61.5580, 0.2692, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

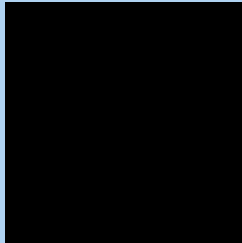
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

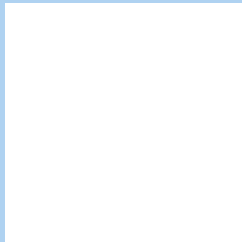
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5580, 0.2692, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 61.5580, 0.2692, 0.2927.



This preview shows how white text looks on a background with the Yxy color 61.5580, 0.2692, 0.2927.

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

61.5580, 0.2692, 0.2927

Protanopia

61.4423, 0.2869, 0.2917

Deuteranopia

61.5098, 0.2885, 0.2826



Tritanopia

61.5148, 0.2744, 0.3086

Trichromacy



Original Color

61.5580, 0.2692, 0.2927

Protanomaly

61.2628, 0.2802, 0.2923

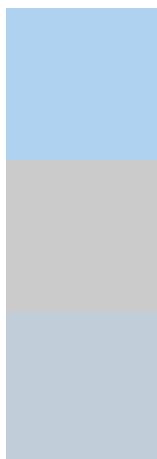
Deuteranomaly

61.1986, 0.2810, 0.2860

Tritanomaly

61.3560, 0.2726, 0.3028

Monochromacy



Original Color

61.5580, 0.2692, 0.2927

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4898, 0.2956, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5580, 0.2692, 0.2927 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, 210, 241)` looks like.

```
.text, #text, p{  
    color:rgb(175, 210, 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, 210, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 241) }
```

Border

The CSS property to change the border of an element to Yxy 61.5580, 0.2692, 0.2927 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, 210, 241) }
```

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

```
.border{ border-color:rgb(175, 210, 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, 210, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 241);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5580, 0.2692, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 210, 241) }
```

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

```
.background{ background-color: rgb(175,  
210, 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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