

Converting Colors

$Yxy(61.4487, 0.2633, 0.2980)$

Have a look what the booklet for
Yxy(61.4487, 0.2633, 0.2980)
contains.

Yxy(61.6070, 0.2635, 0.2980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.6070, 0.2635, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	A3D5EF
RGB	163, 213, 239
RGB Percent	64%, 84%, 94%
CMY	0.3608, 0.1647, 0.0629
CMYK	0.32, 0.11, 0.00, 0.06
HSL	201°, 70%, 79%
HSV	201°, 32%, 94%
XYZ	54.4746, 61.6070, 90.6533
YIQ	201.0140, -38.1460, -2.5140

Conversions

Conversions Part 2

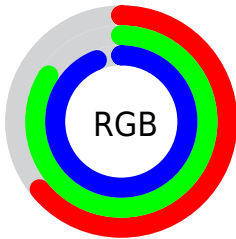
Format	Color
R _{YB}	163, 193, 239
Decimal	10737135
CIE _{Lab}	82.70, -10.12, -17.97
CIE _{LCh}	83, 20.626, 240.608
Yxy	61.6070, 0.2635, 0.2980
Android (android.graphics.Color)	4288927215 (0xFFA3D5EF)
YUV	201.0140, 18.7271, -33.3383
Hunter-Lab	78.4901, -13.4730, -13.5347

Details

The Yxy color **61.6070, 0.2635, 0.2980** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.3688, 0.3767, 0.3579**, and the grayscale version is **58.3183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **31.1238, 0.2517, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **55.3152, 0.2487, 0.2864**, and if you desaturate by 10%, it is **68.5872, 0.2789, 0.3088**.

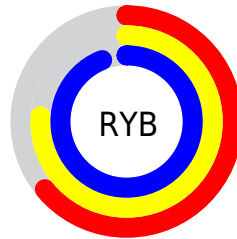
Distribution



Red (64%)

Green (84%)

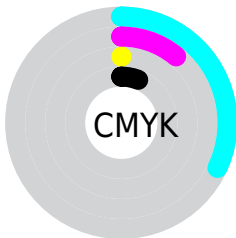
Blue (94%)



Red (64%)

Yellow (76%)

Blue (94%)

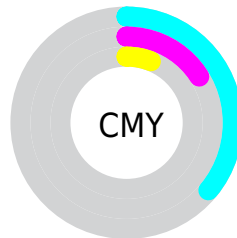


Cyan (32%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (36%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6070, 0.2635, 0.2980 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 61.6070, 0.2635, 0.2980 by changing the saturation by 10% instead.

■ 61.6070, 0.2635,
0.2980

■ 61.6070, 0.2635,
0.2980

■ 430.4961, 0.2865,
0.3130

■ 44.7152, 0.2582,
0.2944

■ 107.1573, 0.2715,
0.3033

■ 31.2332, 0.2516,
0.2899

■ 136.5847, 0.2746,
0.3054

■ 20.7765, 0.2433,
0.2841

■ 170.9593, 0.2773,
0.3071

■ 12.9607, 0.2324,
0.2763

■ 210.6657, 0.2796,
0.3086

■ 7.4015, 0.2175,
0.2654

■ 256.0882, 0.2817,
0.3099

■ 3.7144, 0.1962,
0.2491

■ 307.6111, 0.2835,

■ 1.5151, 0.1637,

0.3111

0.2225

365.6190, 0.2851,
0.3121

0.2993, 0.0182,
0.1453

0.0000, 0.0000,
0.0000

61.6070, 0.2635,
0.2980

61.6070, 0.2635,
0.2980

55.3152, 0.2487,
0.2864

68.5872, 0.2789,
0.3088

49.6744, 0.2349,
0.2741

76.2761, 0.2944,
0.3186

44.6545, 0.2224,
0.2613

84.7022, 0.3100,
0.3275

40.2193, 0.2116,
0.2481

93.2022, 0.3228,
0.3355

■ 36.3273, 0.2028,
0.2348

■ 98.2710, 0.3221,
0.3433

■ 32.9295, 0.1962,
0.2217

■ 99.0099, 0.3221,
0.3444

■ 30.4466, 0.1920,
0.2112

Harmonies

Analogous

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



61.6070, 0.2664, 0.3185



61.6070, 0.2635, 0.2980



61.6070, 0.2730, 0.2868

Triad

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



61.6070, 0.2635, 0.2980



61.6070, 0.3445, 0.3145



61.6070, 0.3310, 0.3753

Complementary

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



61.6070, 0.2635, 0.2980



57.3688, 0.3767, 0.3579

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.



61.6070, 0.3531, 0.3720



61.6070, 0.2635, 0.2980



61.6070, 0.3613, 0.3363

Square

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



61.6070, 0.2635, 0.2980



61.6070, 0.3192, 0.2966



61.6070, 0.3644, 0.3573



61.6070, 0.3047, 0.3648

Rectangle

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



61.6070, 0.2635, 0.2980



61.6070, 0.2855, 0.2855



61.6070, 0.3644, 0.3573



61.6070, 0.3392, 0.3757

Sweetspot

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



61.6094, 0.2635, 0.2980



90.0460, 0.2972, 0.3202



73.1445, 0.2942, 0.3907



18.9891, 0.2950, 0.3189



0.0000, 0.0000, 0.0000



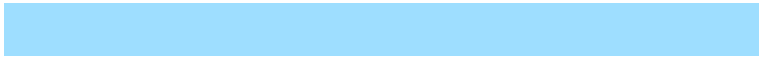
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6094, 0.2635, 0.2980



66.6814, 0.2540, 0.2907



44.9371, 0.2578, 0.2511



16.9663, 0.2980, 0.3207



17.0842, 0.1926, 0.2132



1.6052, 0.1973, 0.2302

Inverse Universe

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



49.3458, 0.3385, 0.2752



51.0157, 0.3453, 0.2643



75.5480, 0.3645, 0.3964



15.9343, 0.3190, 0.3136



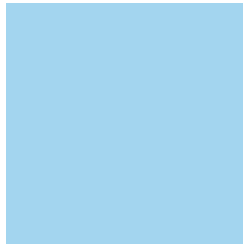
11.5180, 0.4306, 0.2146



0.9768, 0.4124, 0.2045

Previews

White Background



This preview shows how the Yxy color 61.6070, 0.2635, 0.2980 looks on a white background.

Color Contrast Check

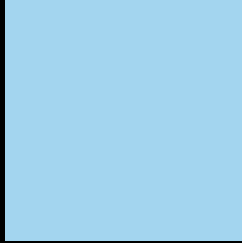
Large Text (above 18pt) WCAG AA × Fail

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 61.6070, 0.2635, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

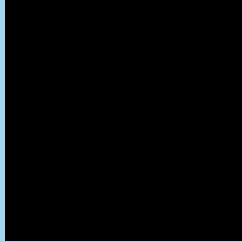
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6070, 0.2635, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 61.6070, 0.2635, 0.2980.



This preview shows how white text looks on a background with the Yxy color 61.6070, 0.2635, 0.2980.

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

61.6070, 0.2635, 0.2980

Protanopia

61.4864, 0.2908, 0.2961

Deuteranopia

61.1293, 0.2898, 0.2826



Tritanopia

61.4397, 0.2668, 0.3083

Trichromacy



Original Color

61.6070, 0.2635, 0.2980

Protanomaly

61.1886, 0.2801, 0.2965

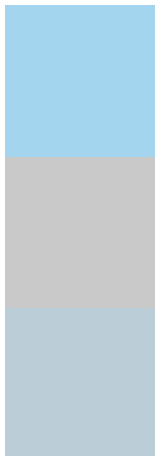
Deuteranomaly

61.2200, 0.2797, 0.2880

Tritanomaly

61.7150, 0.2658, 0.3049

Monochromacy



Original Color

61.6070, 0.2635, 0.2980

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1337, 0.2926, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6070, 0.2635, 0.2980 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(163, 213, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 213, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.6070, 0.2635, 0.2980 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, 239) }
```

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

```
.border{ border-color:rgb(163, 213, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 213, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 213, 239);  
box-shadow:4px 4px 4px 4px rgb(163, 213,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6070, 0.2635, 0.2980 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, 239) }
```

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

```
.background{ background-color: rgb(163,  
213, 239) }
```

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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