

Converting Colors

$Yxy(60.9671, 0.2356, 0.2976)$

Have a look what the booklet for
Yxy(60.9671, 0.2356, 0.2976)
contains.

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Color

Yxy(60.9671, 0.2356, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	6CDCF5
RGB	108, 220, 245
RGB Percent	42%, 86%, 96%
CMY	0.5763, 0.1373, 0.0391
CMYK	0.56, 0.10, 0.00, 0.04
HSL	191°, 87%, 69%
HSV	191°, 56%, 96%
XYZ	48.2656, 60.9671, 95.6298
YIQ	189.3620, -74.7770, -15.9690

Conversions

Conversions Part 2

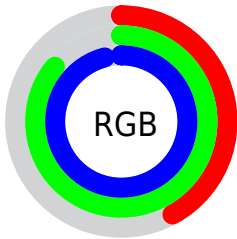
Format	Color
RYB	108, 170, 245
Decimal	7134453
CIELab	82.36, -25.06, -21.94
CIELCh	82, 33.313, 221.202
Yxy	60.9671, 0.2356, 0.2976
Android (android.graphics.Color)	4285324533 (0xFF6CDCF5)
YUV	189.3620, 27.4295, -71.3545
Hunter-Lab	78.0814, -26.3037, -17.9581

Details

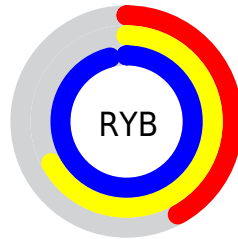
The Yxy color **60.9671, 0.2356, 0.2976** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.2972, 0.4649, 0.3556**, and the grayscale version is **50.9871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1750, 0.2647, 0.3289**, and **30.9417, 0.2177, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **57.3233, 0.2261, 0.2910**, and if you desaturate by 10%, it is **65.1101, 0.2469, 0.3040**.

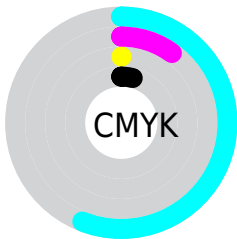
Distribution



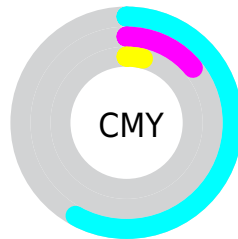
- Red (42%)
- Green (86%)
- Blue (96%)



- Red (42%)
- Yellow (67%)
- Blue (96%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)




- Cyan (58%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9671, 0.2356, 0.2976 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 60.9671, 0.2356, 0.2976 by changing the saturation by 10% instead.

 60.9671, 0.2356,
0.2976

 60.9671, 0.2356,
0.2976

428.1534, 0.2712,
0.3135

 44.1986, 0.2276,
0.2937

 106.2313, 0.2479,
0.3034

 30.8267, 0.2177,
0.2887


 135.4958, 0.2527,
0.3055

 20.4669, 0.2053,
0.2821


 169.6944, 0.2568,
0.3074

 12.7349, 0.1895,
0.2731


209.2116, 0.2605,
0.3089

 7.2462, 0.1685,
0.2603

254.4317, 0.2636,
0.3103

 3.6166, 0.1398,
0.2408

305.7391, 0.2664,

 1.4615, 0.0986,

0.3115

0.2091

363.5182, 0.2690,
0.3126

0.2614, 0.0000,
0.1109

0.0000, 0.0000,
0.0000

60.9671, 0.2356,
0.2976

60.9671, 0.2356,
0.2976

57.3233, 0.2261,
0.2910

65.1101, 0.2469,
0.3040

54.1341, 0.2185,
0.2843

69.7787, 0.2596,
0.3102

51.3579, 0.2128,
0.2777

75.0055, 0.2735,
0.3159

48.9404, 0.2091,
0.2711

80.8181, 0.2883,
0.3213

■ 48.0196, 0.2079,
0.2684

■ 87.2423, 0.3036,
0.3263

■ 94.2901, 0.3190,
0.3308

■ 97.0595, 0.3187,
0.3351

■ 99.3742, 0.3185,
0.3386

Harmonies

Analogous

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



60.9671, 0.2520, 0.3372



60.9671, 0.2356, 0.2976



60.9671, 0.2381, 0.2705

Triad

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



60.9671, 0.2356, 0.2976



60.9671, 0.3380, 0.2867



60.9671, 0.3659, 0.4031

Complementary

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



60.9671, 0.2356, 0.2976



37.2972, 0.4649, 0.3556

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.



60.9671, 0.3923, 0.3829



60.9671, 0.2356, 0.2976



60.9671, 0.3762, 0.3168

Square

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



60.9671, 0.2356, 0.2976



60.9671, 0.2947, 0.2665



60.9671, 0.3965, 0.3512



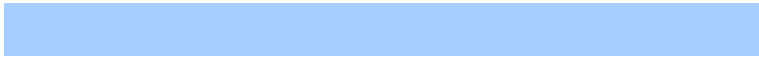
60.9671, 0.3262, 0.4025

Rectangle

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



60.9671, 0.2356, 0.2976



60.9671, 0.2501, 0.2618



60.9671, 0.3965, 0.3512



60.9671, 0.3767, 0.3983

Sweetspot

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



60.9694, 0.2356, 0.2976



87.7347, 0.2866, 0.3207



70.1470, 0.2945, 0.4811



18.4965, 0.2836, 0.3197



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.



60.9694, 0.2356, 0.2976



62.3051, 0.2250, 0.2902



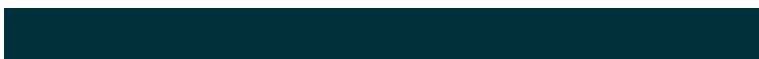
32.7998, 0.2165, 0.2077



18.2126, 0.2980, 0.3246



26.0517, 0.2082, 0.2694



2.4206, 0.2105, 0.2777

Inverse Universe

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



35.3193, 0.3436, 0.2169



32.9939, 0.3516, 0.2005



61.5165, 0.4191, 0.4235



16.7133, 0.3166, 0.3099



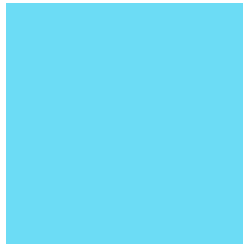
12.7293, 0.3733, 0.1830



1.1320, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 60.9671, 0.2356, 0.2976 looks on a white background.

Color Contrast Check

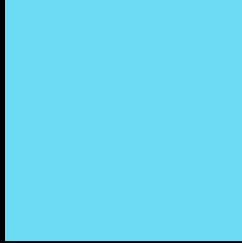
Large Text (above 18pt) WCAG AA × Fail

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 60.9671, 0.2356, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

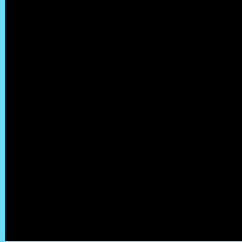
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9671, 0.2356, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 60.9671, 0.2356, 0.2976.

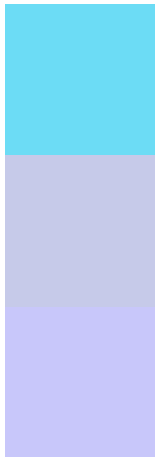


This preview shows how white text looks on a background with the Yxy color 60.9671, 0.2356, 0.2976.

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

60.9671, 0.2356, 0.2976

Protanopia

60.1300, 0.2886, 0.2936

Deuteranopia

60.0283, 0.2791, 0.2725



Tritanopia

61.0091, 0.2377, 0.3061

Trichromacy



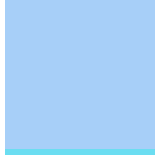
Original Color

60.9671, 0.2356, 0.2976



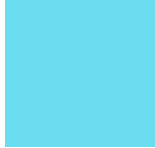
Protanomaly

59.7147, 0.2652, 0.2954



Deuteranomaly

59.6184, 0.2601, 0.2809



Tritanomaly

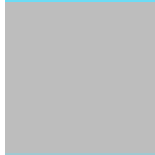
61.1896, 0.2372, 0.3037

Monochromacy



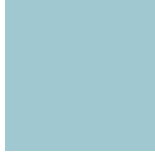
Original Color

60.9671, 0.2356, 0.2976



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.3856, 0.2774, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9671, 0.2356, 0.2976 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(108, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(108, 220, 245)  
}
```

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(108, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 220, 245) }
```

Border

The CSS property to change the border of an element to Yxy 60.9671, 0.2356, 0.2976 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(108, 220, 245) }
```

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

```
.border{ border-color:rgb(108, 220, 245) }
```

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

Here you see how a box with a 4 pixel rgb(108, 220, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(108, 220,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9671, 0.2356, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 220, 245) }
```

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

```
.background{ background-color: rgb(108,  
220, 245) }
```

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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