

Converting Colors

$Yxy(60.2861, 0.2327, 0.2984)$

Have a look what the booklet for
Yxy(60.2861, 0.2327, 0.2984)
contains.

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Color

Yxy(60.3707, 0.2328, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	63DCF4
RGB	99, 220, 244
RGB Percent	39%, 86%, 96%
CMY	0.6116, 0.1372, 0.0432
CMYK	0.59, 0.10, 0.00, 0.04
HSL	190°, 87%, 67%
HSV	190°, 59%, 96%
XYZ	47.0673, 60.3707, 94.7412
YIQ	186.5570, -79.8200, -18.1880

Conversions

Conversions Part 2

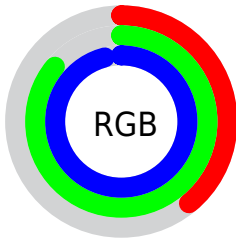
Format	Color
RYB	99, 165, 244
Decimal	6544628
CIELab	82.04, -27.01, -21.90
CIElCh	82, 34.772, 219.043
Yxy	60.3707, 0.2328, 0.2986
Android (android.graphics.Color)	4284734708 (0xFF63DCF4)
YUV	186.5570, 28.3194, -76.7875
Hunter-Lab	77.6986, -27.8429, -17.9058

Details

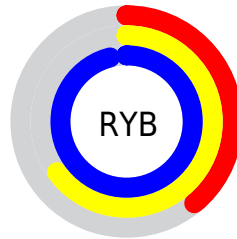
The Yxy color **60.3707, 0.2328, 0.2986** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.2991, 0.4812, 0.3539**, and the grayscale version is **49.3085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3171, 0.2610, 0.3288**, and **30.5734, 0.2143, 0.2899** is the 20% darker color. If you saturate the color by 10%, you get **57.1066, 0.2242, 0.2926**, and if you desaturate by 10%, it is **64.1054, 0.2433, 0.3044**.

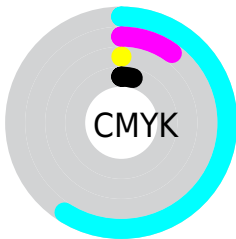
Distribution



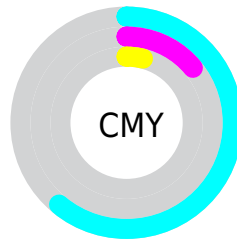
- Red (39%)
- Green (86%)
- Blue (96%)



- Red (39%)
- Yellow (65%)
- Blue (96%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)




- Cyan (61%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3707, 0.2328, 0.2986 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 60.3707, 0.2328, 0.2986 by changing the saturation by 10% instead.


 60.3707, 0.2328,
0.2986


 60.3707, 0.2328,
0.2986


425.9628, 0.2697,
0.3141

 43.7175, 0.2245,
0.2947


 105.3672, 0.2455,
0.3043

 30.4485, 0.2142,
0.2897


 134.4793, 0.2505,
0.3064

 20.1792, 0.2015,
0.2832

 168.5132, 0.2548,
0.3082

 12.5254, 0.1850,
0.2742

207.8532, 0.2586,
0.3097

 7.1026, 0.1633,
0.2614

252.8838, 0.2619,
0.3110

 3.5263, 0.1338,
0.2416

303.9894, 0.2648,

 1.4123, 0.0902,

0.3122

0.2096

361.5542, 0.2674,
0.3132

0.2258, 0.0000,
0.1002

0.0000, 0.0000,
0.0000

60.3707, 0.2328,
0.2986

60.3707, 0.2328,
0.2986

57.1066, 0.2242,
0.2926

64.1054, 0.2433,
0.3044

54.2674, 0.2175,
0.2866

68.3381, 0.2553,
0.3101

51.8090, 0.2128,
0.2807

73.1020, 0.2687,
0.3154

49.6591, 0.2097,
0.2748

78.4250, 0.2831,
0.3204

■ 49.5364, 0.2096,
0.2744

■ 84.3331, 0.2982,
0.3250

■ 90.8506, 0.3136,
0.3292

■ 95.0803, 0.3196,
0.3331

■ 97.5921, 0.3193,
0.3370

■ 99.3103, 0.3191,
0.3396

Harmonies

Analogous

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



60.3707, 0.2511, 0.3407



60.3707, 0.2328, 0.2986



60.3707, 0.2340, 0.2693

Triad

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



60.3707, 0.2328, 0.2986



60.3707, 0.3358, 0.2830



60.3707, 0.3708, 0.4057

Complementary

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



60.3707, 0.2328, 0.2986



34.2991, 0.4812, 0.3539

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.



60.3707, 0.3971, 0.3830



60.3707, 0.2328, 0.2986



60.3707, 0.3769, 0.3137

Square

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



60.3707, 0.2328, 0.2986



60.3707, 0.2907, 0.2628



60.3707, 0.3998, 0.3493



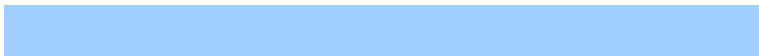
60.3707, 0.3299, 0.4072

Rectangle

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



60.3707, 0.2328, 0.2986



60.3707, 0.2455, 0.2594



60.3707, 0.3998, 0.3493



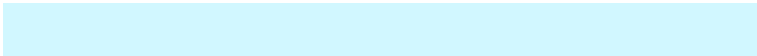
60.3707, 0.3817, 0.4000

Sweetspot

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



60.3730, 0.2328, 0.2986



87.5611, 0.2851, 0.3211



68.7176, 0.2949, 0.4952



18.3547, 0.2808, 0.3196



0.0000, 0.0000, 0.0000



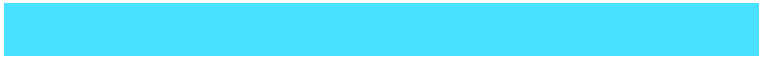
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3730, 0.2328, 0.2986



62.5528, 0.2229, 0.2916



30.9228, 0.2113, 0.2020



18.2638, 0.2980, 0.3250



27.1140, 0.2098, 0.2754



2.5045, 0.2119, 0.2828

Inverse Universe

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



33.3270, 0.3433, 0.2092



31.5900, 0.3509, 0.1935



58.3803, 0.4282, 0.4260



16.7185, 0.3163, 0.3095



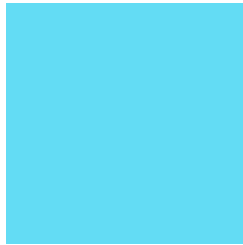
12.8365, 0.3678, 0.1800



1.1405, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 60.3707, 0.2328, 0.2986 looks on a white background.

Color Contrast Check

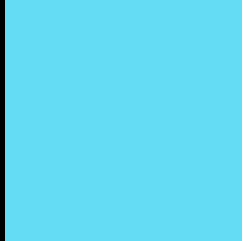
Large Text (above 18pt) WCAG AA × Fail

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 60.3707, 0.2328, 0.2986 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 60.3707, 0.2328, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 60.3707, 0.2328, 0.2986.



This preview shows how white text looks on a background with the Yxy color 60.3707, 0.2328, 0.2986.

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

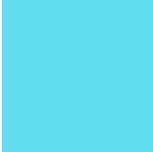
60.3707, 0.2328, 0.2986

Protanopia

59.5486, 0.2899, 0.2946

Deuteranopia

59.3698, 0.2790, 0.2722



Tritanopia

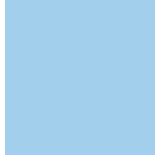
60.4863, 0.2345, 0.3059

Trichromacy



Original Color

60.3707, 0.2328, 0.2986



Protanomaly

58.8493, 0.2638, 0.2951



Deuteranomaly

58.6445, 0.2581, 0.2805



Tritanomaly

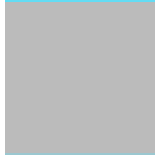
60.6604, 0.2340, 0.3035

Monochromacy



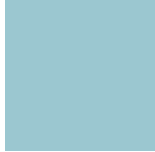
Original Color

60.3707, 0.2328, 0.2986



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.3695, 0.2746, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3707, 0.2328, 0.2986 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(99, 220, 244)` looks like.

```
.text, #text, p{  
    color:rgb(99, 220, 244)  
}
```

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(99, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 220, 244) }
```

Border

The CSS property to change the border of an element to Yxy 60.3707, 0.2328, 0.2986 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(99, 220, 244) }
```

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

```
.border{ border-color:rgb(99, 220, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(99, 220,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3707, 0.2328, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 220, 244) }
```

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

```
.background{ background-color: rgb(99, 220,  
244) }
```

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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