

Converting Colors

$Yxy(62.3113, 0.2368, 0.2933)$

Have a look what the booklet for
Yxy(62.3113, 0.2368, 0.2933)
contains.

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Color

Yxy(62.3280, 0.2368, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	74DDFA
RGB	116, 221, 250
RGB Percent	45%, 87%, 98%
CMY	0.5453, 0.1333, 0.0197
CMYK	0.54, 0.12, 0.00, 0.02
HSL	193°, 93%, 72%
HSV	193°, 54%, 98%
XYZ	50.3043, 62.3280, 99.8013
YIQ	192.9110, -71.8890, -13.2410

Conversions

Conversions Part 2

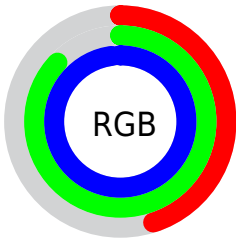
Format	Color
RYB	116, 175, 250
Decimal	7659002
CIELab	83.09, -22.66, -23.44
CIELCh	83, 32.598, 225.969
Yxy	62.3280, 0.2368, 0.2934
Android (android.graphics.Color)	4285849082 (0xFF74DDFA)
YUV	192.9110, 28.1449, -67.4509
Hunter-Lab	78.9481, -24.4222, -19.6871

Details

The Yxy color **62.3280, 0.2368, 0.2934** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **41.7989, 0.4530, 0.3595**, and the grayscale version is **53.1285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **31.7757, 0.2198, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **58.0360, 0.2264, 0.2855**, and if you desaturate by 10%, it is **67.1771, 0.2488, 0.3010**.

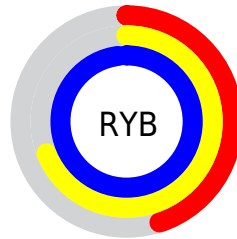
Distribution



Red (45%)

Green (87%)

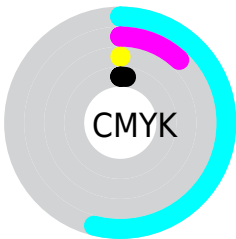
Blue (98%)



Red (45%)

Yellow (69%)

Blue (98%)

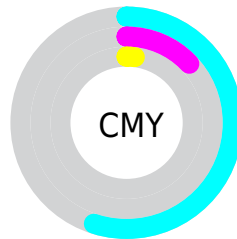


Cyan (54%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (55%)


Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3280, 0.2368, 0.2934 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 62.3280, 0.2368, 0.2934 by changing the saturation by 10% instead.


 62.3280, 0.2368,
0.2934

 62.3280, 0.2368,
0.2934

433.1265, 0.2717,
0.3111


 45.2978, 0.2289,
0.2891


 108.1994, 0.2488,
0.2998

 31.6920, 0.2193,
0.2836

 137.8095, 0.2535,
0.3022

 21.1264, 0.2073,
0.2766


 172.3815, 0.2576,
0.3042

 13.2164, 0.1919,
0.2670

212.3000, 0.2611,
0.3060

 7.5777, 0.1716,
0.2536

257.9494, 0.2643,
0.3075

 3.8260, 0.1439,
0.2335

309.7140, 0.2670,

 1.5767, 0.1053,

0.3089

367.9783, 0.2695,
0.3101

0.2015

0.3418, 0.0000,
0.1231

0.0000, 0.0000,
0.0000

62.3280, 0.2368,
0.2934

62.3280, 0.2368,
0.2934

58.0360, 0.2264,
0.2855

67.1771, 0.2488,
0.3010

54.2554, 0.2179,
0.2775

72.6109, 0.2622,
0.3082

50.9436, 0.2113,
0.2695

78.6630, 0.2766,
0.3150

48.0465, 0.2067,
0.2615

85.3624, 0.2917,
0.3213

■ 46.3649, 0.2046,
0.2565

■ 92.7360, 0.3071,
0.3271

■ 98.6780, 0.3157,
0.3323

■ 99.6807, 0.3156,
0.3338

Harmonies

Analogous

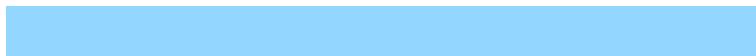
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.3280, 0.2499, 0.3305



62.3280, 0.2368, 0.2934



62.3280, 0.2422, 0.2695

Triad

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



62.3280, 0.2368, 0.2934



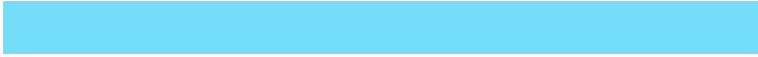
62.3280, 0.3439, 0.2920



62.3280, 0.3589, 0.4025

Complementary

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



62.3280, 0.2368, 0.2934



41.7989, 0.4530, 0.3595

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.



62.3280, 0.3872, 0.3856



62.3280, 0.2368, 0.2934



62.3280, 0.3790, 0.3224

Square

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



62.3280, 0.2368, 0.2934



62.3280, 0.3017, 0.2704



62.3280, 0.3951, 0.3560



62.3280, 0.3193, 0.3979

Rectangle

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



62.3280, 0.2368, 0.2934



62.3280, 0.2556, 0.2627



62.3280, 0.3951, 0.3560



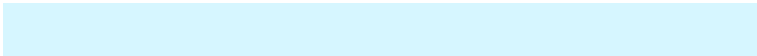
62.3280, 0.3701, 0.3989

Sweetspot

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



62.3303, 0.2368, 0.2934



87.5701, 0.2880, 0.3199



74.0408, 0.2929, 0.4684



18.4297, 0.2849, 0.3186



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.



62.3303, 0.2368, 0.2934



60.5341, 0.2260, 0.2852



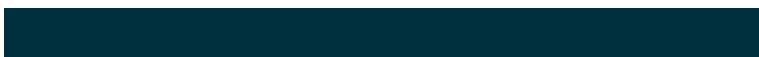
34.4363, 0.2191, 0.2075



18.9347, 0.2980, 0.3238



24.8185, 0.2050, 0.2578



2.4511, 0.2076, 0.2673

Inverse Universe

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



38.0172, 0.3466, 0.2244



34.0331, 0.3554, 0.2088



67.5563, 0.4118, 0.4244



17.4566, 0.3171, 0.3106



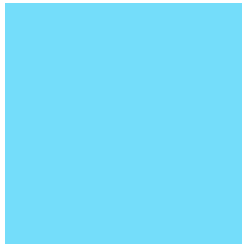
12.9163, 0.3846, 0.1892



1.2117, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 62.3280, 0.2368, 0.2934 looks on a white background.

Color Contrast Check

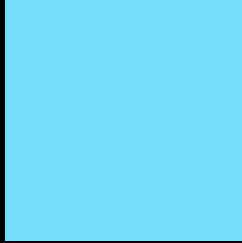
Large Text (above 18pt) WCAG AA × Fail

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 62.3280, 0.2368, 0.2934 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 62.3280, 0.2368, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 62.3280, 0.2368, 0.2934.

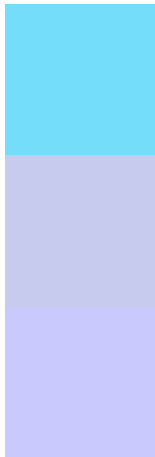


This preview shows how white text looks on a background with the Yxy color 62.3280, 0.2368, 0.2934.

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

62.3280, 0.2368, 0.2934

Protanopia

61.5598, 0.2856, 0.2895

Deuteranopia

61.3466, 0.2775, 0.2708



Tritanopia

62.5710, 0.2397, 0.3064

Trichromacy



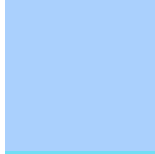
Original Color

62.3280, 0.2368, 0.2934



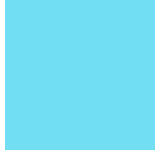
Protanomaly

60.9993, 0.2644, 0.2902



Deuteranomaly

60.7496, 0.2593, 0.2771



Tritanomaly

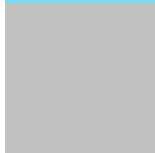
62.2849, 0.2385, 0.3015

Monochromacy



Original Color

62.3280, 0.2368, 0.2934



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.5662, 0.2779, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3280, 0.2368, 0.2934 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(116, 221, 250)` looks like.

```
.text, #text, p{  
    color:rgb(116, 221, 250)  
}
```

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(116, 221, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 221, 250) }
```

Border

The CSS property to change the border of an element to Yxy 62.3280, 0.2368, 0.2934 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(116, 221, 250) }
```

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

```
.border{ border-color:rgb(116, 221, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 221, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 221, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 221, 250);  
box-shadow:4px 4px 4px 4px rgb(116, 221,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3280, 0.2368, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 221, 250) }
```

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

```
.background{ background-color: rgb(116,  
221, 250) }
```

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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