

Converting Colors

$Yxy(59.5923, 0.2418, 0.2932)$

Have a look what the booklet for
Yxy(59.5923, 0.2418, 0.2932)
contains.

Yxy(59.4925, 0.2417, 0.2930)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4925, 0.2417, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	7DD7F4
RGB	125, 215, 244
RGB Percent	49%, 84%, 96%
CMY	0.5101, 0.1568, 0.0432
CMYK	0.49, 0.12, 0.00, 0.04
HSL	195°, 84%, 72%
HSV	195°, 49%, 96%
XYZ	49.0762, 59.4925, 94.4773
YIQ	191.3960, -62.9490, -10.0610

Conversions

Conversions Part 2

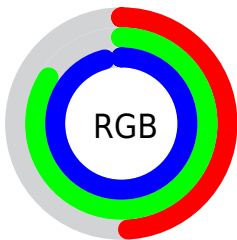
Format	Color
RYB	125, 176, 244
Decimal	8247284
CIELab	81.56, -19.40, -22.55
CIELCh	82, 29.745, 229.297
Yxy	59.4925, 0.2417, 0.2930
Android (android.graphics.Color)	4286437364 (0xFF7DD7F4)
YUV	191.3960, 25.9338, -58.2293
Hunter-Lab	77.1314, -21.4061, -18.6317

Details

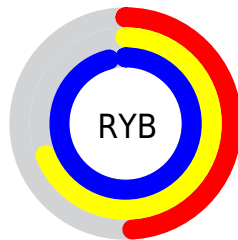
The Yxy color **59.4925, 0.2417, 0.2930** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.7854, 0.4328, 0.3607**, and the grayscale version is **52.2060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **29.8624, 0.2248, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **54.9106, 0.2301, 0.2842**, and if you desaturate by 10%, it is **64.6395, 0.2547, 0.3014**.

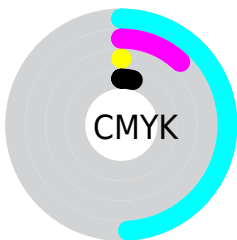
Distribution



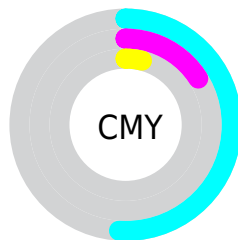
- Red (49%)
- Green (84%)
- Blue (96%)



- Red (49%)
- Yellow (69%)
- Blue (96%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)





- Cyan (51%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4925, 0.2417, 0.2930 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 59.4925, 0.2417, 0.2930 by changing the saturation by 10% instead.


 59.4925, 0.2417,
0.2930

 59.4925, 0.2417,
0.2930


422.7246, 0.2747,
0.3109


 43.0097, 0.2342,
0.2886


 104.0931, 0.2532,
0.2994

 29.8927, 0.2249,
0.2831


 132.9797, 0.2576,
0.3019

 19.7572, 0.2133,
0.2759


 166.7698, 0.2615,
0.3039

 12.2187, 0.1982,
0.2662

205.8476, 0.2648,
0.3057

 6.8928, 0.1780,
0.2524

250.5976, 0.2677,
0.3073

 3.3951, 0.1502,
0.2317

301.4041, 0.2703,

 1.3413, 0.1098,

0.3086

0.1982

358.6517, 0.2727,
0.3098

■ 0.1729, 0.0000,
0.0793

■ 0.0000, 0.0000,
0.0000

■ 59.4925, 0.2417,
0.2930

■ 59.4925, 0.2417,
0.2930

■ 54.9106, 0.2301,
0.2842

■ 64.6395, 0.2547,
0.3014

■ 50.8523, 0.2203,
0.2752

■ 70.3761, 0.2689,
0.3094

■ 47.2802, 0.2123,
0.2660

■ 76.7333, 0.2838,
0.3168

■ 44.1479, 0.2064,
0.2569

■ 83.7379, 0.2991,
0.3235

■ 41.3873, 0.2023,
0.2479

■ 91.4145, 0.3146,
0.3297

■ 41.0712, 0.2019,
0.2468

■ 96.5607, 0.3194,
0.3354

■ 99.3112, 0.3191,
0.3396

Harmonies

Analogous

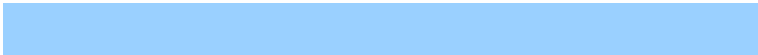
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4925, 0.2522, 0.3264



59.4925, 0.2417, 0.2930



59.4925, 0.2486, 0.2722

Triad

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



59.4925, 0.2417, 0.2930



59.4925, 0.3458, 0.2974



59.4925, 0.3520, 0.3976

Complementary

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



59.4925, 0.2417, 0.2930



43.7854, 0.4328, 0.3607

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.



59.4925, 0.3798, 0.3842



59.4925, 0.2417, 0.2930



59.4925, 0.3767, 0.3265

Square

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



59.4925, 0.2417, 0.2930



59.4925, 0.3069, 0.2761



59.4925, 0.3893, 0.3578



59.4925, 0.3148, 0.3907

Rectangle

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



59.4925, 0.2417, 0.2930



59.4925, 0.2624, 0.2668



59.4925, 0.3893, 0.3578



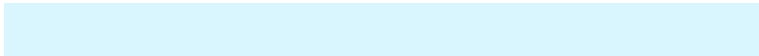
59.4925, 0.3628, 0.3951

Sweetspot

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



59.4948, 0.2417, 0.2930



87.6582, 0.2895, 0.3194



71.3404, 0.2922, 0.4482



18.4198, 0.2863, 0.3179



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.



59.4948, 0.2417, 0.2930



60.5421, 0.2298, 0.2839



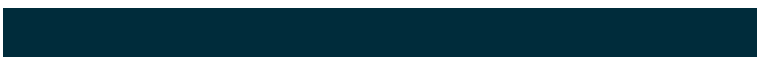
34.8872, 0.2269, 0.2153



18.0346, 0.2980, 0.3231



22.5584, 0.2023, 0.2483



2.1419, 0.2054, 0.2596

Inverse Universe

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



38.7849, 0.3459, 0.2358



36.3542, 0.3555, 0.2192



67.9166, 0.3998, 0.4203



16.6953, 0.3175, 0.3113



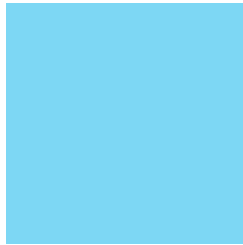
12.3767, 0.3940, 0.1944



1.1039, 0.3828, 0.1883

Previews

White Background



This preview shows how the Yxy color 59.4925, 0.2417, 0.2930 looks on a white background.

Color Contrast Check

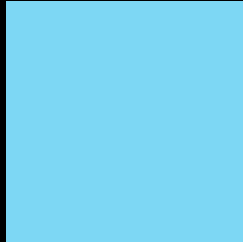
Large Text (above 18pt) WCAG AA × Fail

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 59.4925, 0.2417, 0.2930 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 59.4925, 0.2417, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 59.4925, 0.2417, 0.2930.

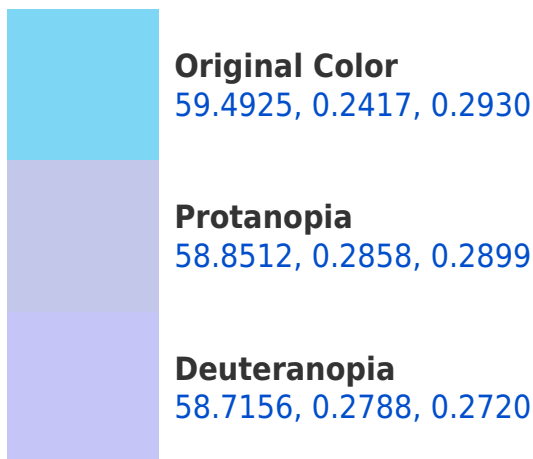


This preview shows how white text looks on a background with the Yxy color 59.4925, 0.2417, 0.2930.

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

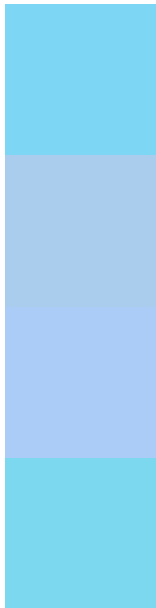




Tritanopia

59.7038, 0.2455, 0.3074

Trichromacy



Original Color

59.4925, 0.2417, 0.2930

Protanomaly

58.3817, 0.2671, 0.2897

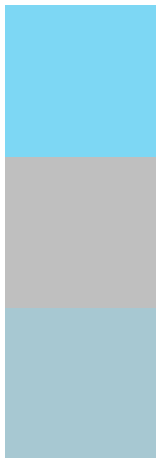
Deuteranomaly

58.5591, 0.2626, 0.2787

Tritanomaly

59.4957, 0.2438, 0.3013

Monochromacy



Original Color

59.4925, 0.2417, 0.2930

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

54.1772, 0.2815, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4925, 0.2417, 0.2930 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(125, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(125, 215, 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(125, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 59.4925, 0.2417, 0.2930 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(125, 215, 244) }
```

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

```
.border{ border-color:rgb(125, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(125, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4925, 0.2417, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 215, 244) }
```

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

```
.background{ background-color: rgb(125,  
215, 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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