

Converting Colors

$Yxy(58.3487, 0.2472, 0.3077)$

Have a look what the booklet for
Yxy(58.3487, 0.2472, 0.3077)
contains.

Yxy(58.1477, 0.2471, 0.3072)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.1477, 0.2471, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	7CD6E7
RGB	124, 214, 231
RGB Percent	49%, 84%, 91%
CMY	0.5141, 0.1607, 0.0941
CMYK	0.46, 0.07, 0.00, 0.09
HSL	190°, 69%, 70%
HSV	190°, 46%, 91%
XYZ	46.7718, 58.1477, 84.3634
YIQ	189.0280, -59.0970, -13.7930

Conversions

Conversions Part 2

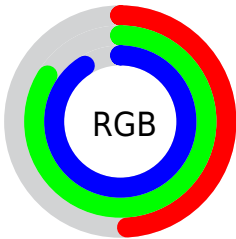
Format	Color
RYB	124, 173, 231
Decimal	8181479
CIELab	80.82, -22.58, -16.76
CIElCh	81, 28.125, 216.581
Yxy	58.1477, 0.2471, 0.3072
Android (android.graphics.Color)	4286371559 (0xFF7CD6E7)
YUV	189.0280, 20.6922, -57.0296
Hunter-Lab	76.2546, -23.9603, -12.2165

Details

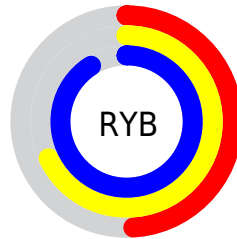
The Yxy color **58.1477, 0.2471, 0.3072** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.4592, 0.4292, 0.3488**, and the grayscale version is **50.7988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **29.0152, 0.2317, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **54.7934, 0.2362, 0.3017**, and if you desaturate by 10%, it is **61.9511, 0.2595, 0.3125**.

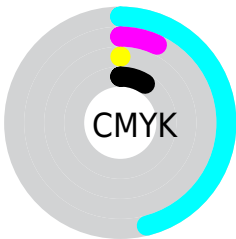
Distribution



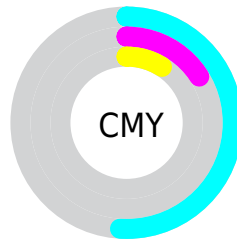
- Red (49%)
- Green (84%)
- Blue (91%)



- Red (49%)
- Yellow (68%)
- Blue (91%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)




- Cyan (51%)
- Magenta (16%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1477, 0.2471, 0.3072 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 58.1477, 0.2471, 0.3072 by changing the saturation by 10% instead.


 58.1477, 0.2471,
0.3072


 58.1477, 0.2471,
0.3072


 417.7361, 0.2779,
0.3184


 41.9274, 0.2400,
0.3044


 102.1379, 0.2578,
0.3113

 29.0444, 0.2312,
0.3007


 130.6766, 0.2620,
0.3129


 19.1144, 0.2201,
0.2958


 164.0902, 0.2656,
0.3141

 11.7530, 0.2055,
0.2890

 202.7632, 0.2687,
0.3153

 6.5757, 0.1858,
0.2791

 247.0799, 0.2714,
0.3162

 3.1982, 0.1579,
0.2632

 297.4246, 0.2738,

 1.2361, 0.1123,

0.3170

354.1819, 0.2760,
0.3178

0.2365

0.0909, 0.0000,
0.0651

0.0000, 0.0000,
0.0000

58.1477, 0.2471,
0.3072

58.1477, 0.2471,
0.3072

54.7934, 0.2362,
0.3017

61.9511, 0.2595,
0.3125

51.8527, 0.2271,
0.2960


66.2231, 0.2731,
0.3175

49.2952, 0.2199,
0.2903


70.9897, 0.2877,
0.3222


47.0829, 0.2147,
0.2846


76.2733, 0.3029,
0.3265

 45.1682, 0.2113,
0.2790


 82.0945, 0.3184,
0.3304

 44.5171, 0.2103,
0.2770

 87.0219, 0.3287,
0.3340

 89.1535, 0.3284,
0.3375

 91.3286, 0.3280,
0.3411

 93.5475, 0.3276,
0.3446

Harmonies

Analogous

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



58.1477, 0.2639, 0.3419



58.1477, 0.2471, 0.3072



58.1477, 0.2467, 0.2815

Triad

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



58.1477, 0.2471, 0.3072



58.1477, 0.3288, 0.2890



58.1477, 0.3631, 0.3911

Complementary

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



58.1477, 0.2471, 0.3072



37.4592, 0.4292, 0.3488

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.



58.1477, 0.3830, 0.3722



58.1477, 0.2471, 0.3072



58.1477, 0.3629, 0.3143

Square

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



58.1477, 0.2471, 0.3072



58.1477, 0.2920, 0.2730



58.1477, 0.3831, 0.3441



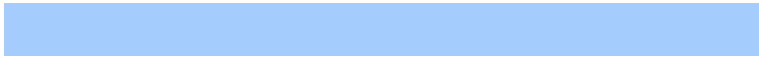
58.1477, 0.3303, 0.3930

Rectangle

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



58.1477, 0.2471, 0.3072



58.1477, 0.2555, 0.2721



58.1477, 0.3831, 0.3441



58.1477, 0.3716, 0.3863

Sweetspot

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



58.1499, 0.2471, 0.3072



90.2870, 0.2911, 0.3232



63.3254, 0.2977, 0.4531



19.0297, 0.2879, 0.3222



0.0000, 0.0000, 0.0000



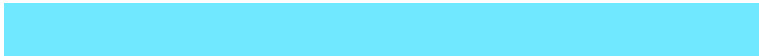
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1499, 0.2471, 0.3072



68.5889, 0.2363, 0.3017



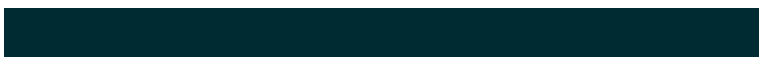
35.6727, 0.2341, 0.2350



15.9265, 0.2981, 0.3252



25.1074, 0.2105, 0.2779



1.9603, 0.2128, 0.2861

Inverse Universe

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



36.2361, 0.3344, 0.2317



38.7387, 0.3403, 0.2137



56.8124, 0.3994, 0.4068



14.5739, 0.3162, 0.3095



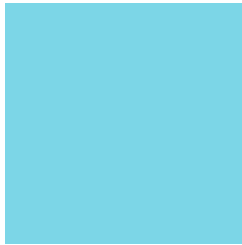
11.7323, 0.3654, 0.1787



0.8776, 0.3579, 0.1745

Previews

White Background



This preview shows how the Yxy color 58.1477, 0.2471, 0.3072 looks on a white background.

Color Contrast Check

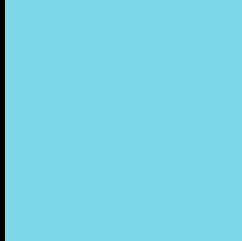
Large Text (above 18pt) WCAG AA × Fail

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 58.1477, 0.2471, 0.3072 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 58.1477, 0.2471, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 58.1477, 0.2471, 0.3072.

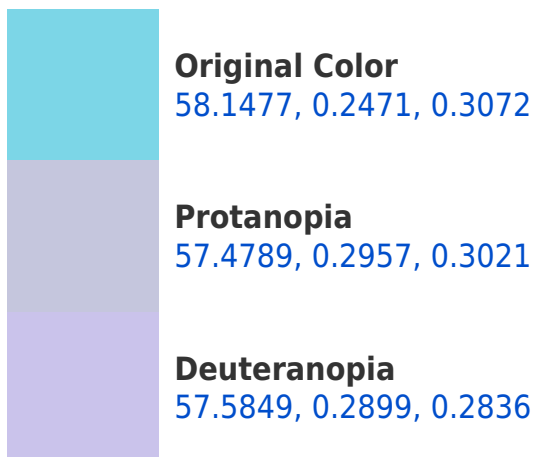


This preview shows how white text looks on a background with the Yxy color 58.1477, 0.2471, 0.3072.

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

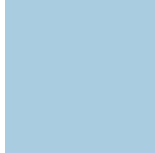
58.1477, 0.2471, 0.3072

Trichromacy



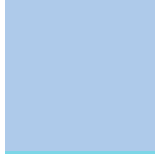
Original Color

58.1477, 0.2471, 0.3072



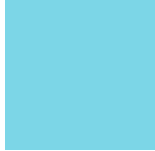
Protanomaly

57.1680, 0.2746, 0.3033



Deuteranomaly

57.1802, 0.2717, 0.2907



Tritanomaly

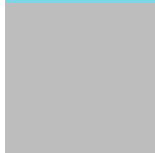
58.1477, 0.2471, 0.3072

Monochromacy



Original Color

58.1477, 0.2471, 0.3072



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.7471, 0.2838, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1477, 0.2471, 0.3072 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(124, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(124, 214, 231)  
}
```

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(124, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 214, 231) }
```

Border

The CSS property to change the border of an element to Yxy 58.1477, 0.2471, 0.3072 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(124, 214, 231) }
```

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

```
.border{ border-color:rgb(124, 214, 231) }
```

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

Here you see how a box with a 4 pixel rgb(124, 214, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(124, 214,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1477, 0.2471, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 214, 231) }
```

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

```
.background{ background-color: rgb(124,  
214, 231) }
```

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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