

Converting Colors

$Yxy(60.2785, 0.2453, 0.3074)$

Have a look what the booklet for
Yxy(60.2785, 0.2453, 0.3074)
contains.

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Color

Yxy(60.2785, 0.2453, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	7ADAEB
RGB	122, 218, 235
RGB Percent	48%, 85%, 92%
CMY	0.5213, 0.1451, 0.0783
CMYK	0.48, 0.07, 0.00, 0.08
HSL	189°, 74%, 70%
HSV	189°, 48%, 92%
XYZ	48.1012, 60.2785, 87.7117
YIQ	191.2340, -62.6730, -15.0650

Conversions

Conversions Part 2

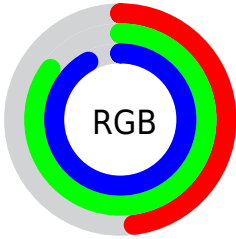
Format	Color
RYB	122, 174, 235
Decimal	8051435
CIELab	81.99, -23.92, -17.15
CIElCh	82, 29.427, 215.637
Yxy	60.2785, 0.2453, 0.3074
Android (android.graphics.Color)	4286241515 (0xFF7ADAEB)
YUV	191.2340, 21.5766, -60.7182
Hunter-Lab	77.6392, -25.2793, -12.6345

Details

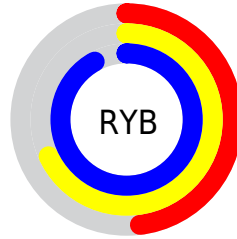
The Yxy color **60.2785, 0.2453, 0.3074** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.5642, 0.4363, 0.3485**, and the grayscale version is **52.1528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **30.4412, 0.2295, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **56.9487, 0.2348, 0.3022**, and if you desaturate by 10%, it is **64.0670, 0.2574, 0.3125**.

Distribution



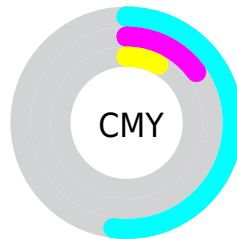
- Red (48%)
- Green (85%)
- Blue (92%)



- Red (48%)
- Yellow (68%)
- Blue (92%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)




- Cyan (52%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2785, 0.2453, 0.3074 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 60.2785, 0.2453, 0.3074 by changing the saturation by 10% instead.


 60.2785, 0.2453,
0.3074


 60.2785, 0.2453,
0.3074

425.6236, 0.2767,
0.3185

 43.6432, 0.2381,
0.3046


 105.2336, 0.2562,
0.3115

 30.3901, 0.2293,
0.3010


 134.3221, 0.2605,
0.3130

 20.1348, 0.2181,
0.2962


 168.3304, 0.2641,
0.3143

 12.4931, 0.2035,
0.2896

207.6430, 0.2673,
0.3154

 7.0804, 0.1840,
0.2799

252.6442, 0.2701,
0.3163

 3.5125, 0.1566,
0.2646

303.7184, 0.2725,

 1.4048, 0.1151,

0.3171

0.2385

361.2501, 0.2747,
0.3179

■ 0.2202, 0.0000,
0.1265

■ 0.0000, 0.0000,
0.0000

■ 60.2785, 0.2453,
0.3074

■ 60.2785, 0.2453,
0.3074

■ 56.9487, 0.2348,
0.3022

■ 64.0670, 0.2574,
0.3125

■ 54.0402, 0.2261,
0.2968

■ 68.3349, 0.2708,
0.3173

■ 51.5203, 0.2194,
0.2914


■ 73.1098, 0.2852,
0.3218


■ 49.3481, 0.2146,
0.2860

■ 78.4151, 0.3003,
0.3259


 47.4666, 0.2115,
0.2807


 84.2726, 0.3157,
0.3297

 47.1194, 0.2110,
0.2796

 89.1389, 0.3258,
0.3332

 91.2367, 0.3255,
0.3366

 93.3753, 0.3252,
0.3400

 95.5551, 0.3249,
0.3434

Harmonies

Analogous

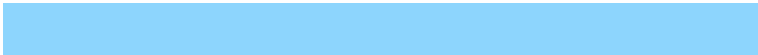
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.2785, 0.2631, 0.3434



60.2785, 0.2453, 0.3074



60.2785, 0.2443, 0.2805

Triad

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



60.2785, 0.2453, 0.3074



60.2785, 0.3281, 0.2870



60.2785, 0.3657, 0.3927

Complementary

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



60.2785, 0.2453, 0.3074



37.5642, 0.4363, 0.3485

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.



60.2785, 0.3857, 0.3727



60.2785, 0.2453, 0.3074



60.2785, 0.3636, 0.3129

Square

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



60.2785, 0.2453, 0.3074



60.2785, 0.2902, 0.2709



60.2785, 0.3852, 0.3435



60.2785, 0.3320, 0.3955

Rectangle

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



60.2785, 0.2453, 0.3074



60.2785, 0.2531, 0.2706



60.2785, 0.3852, 0.3435



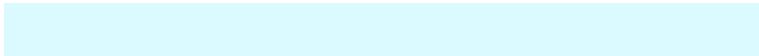
60.2785, 0.3743, 0.3876

Sweetspot

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



60.2808, 0.2453, 0.3074



90.4609, 0.2911, 0.3235



65.4351, 0.2973, 0.4586



19.0725, 0.2879, 0.3226



0.0000, 0.0000, 0.0000



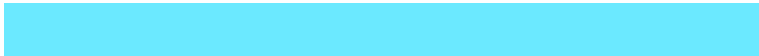
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2808, 0.2453, 0.3074



68.4628, 0.2346, 0.3020



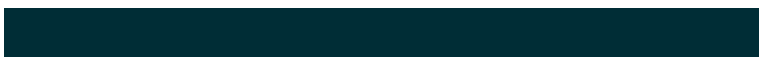
35.8411, 0.2310, 0.2307



16.7124, 0.2981, 0.3254



26.3695, 0.2113, 0.2805



2.1756, 0.2133, 0.2879

Inverse Universe

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



36.6620, 0.3345, 0.2276



37.6626, 0.3403, 0.2095



58.3207, 0.4032, 0.4096



15.2725, 0.3161, 0.3092



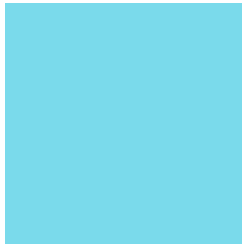
12.1548, 0.3630, 0.1773



0.9650, 0.3563, 0.1736

Previews

White Background



This preview shows how the Yxy color 60.2785, 0.2453, 0.3074 looks on a white background.

Color Contrast Check

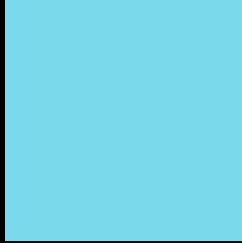
Large Text (above 18pt) WCAG AA × Fail

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 60.2785, 0.2453, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

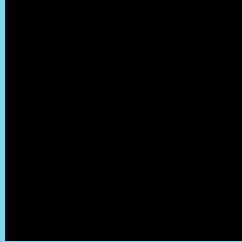
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2785, 0.2453, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 60.2785, 0.2453, 0.3074.

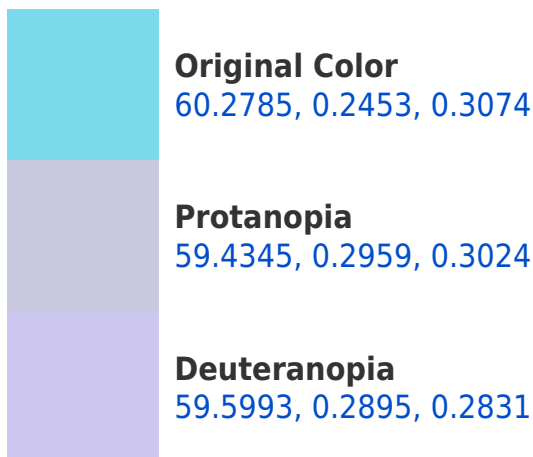


This preview shows how white text looks on a background with the Yxy color 60.2785, 0.2453, 0.3074.

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

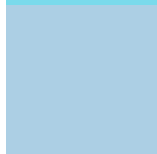
60.3365, 0.2448, 0.3062

Trichromacy



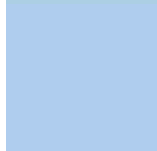
Original Color

60.2785, 0.2453, 0.3074



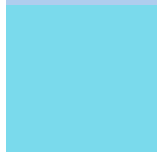
Protanomaly

58.9977, 0.2745, 0.3036



Deuteranomaly

58.9496, 0.2703, 0.2900



Tritanomaly

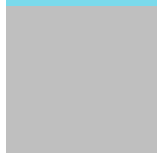
60.3365, 0.2448, 0.3062

Monochromacy



Original Color

60.2785, 0.2453, 0.3074



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.3853, 0.2828, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2785, 0.2453, 0.3074 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(122, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(122, 218, 235)  
}
```

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(122, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 218, 235) }
```

Border

The CSS property to change the border of an element to Yxy 60.2785, 0.2453, 0.3074 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(122, 218, 235) }
```

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

```
.border{ border-color:rgb(122, 218, 235) }
```

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

Here you see how a box with a 4 pixel rgb(122, 218, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(122, 218,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2785, 0.2453, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 218, 235) }
```

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

```
.background{ background-color: rgb(122,  
218, 235) }
```

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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