

Converting Colors

$Yxy(60.6409, 0.2684, 0.3166)$

Have a look what the booklet for
Yxy(60.6409, 0.2684, 0.3166)
contains.

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Color

Yxy(60.6431, 0.2683, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	9DD6E0
RGB	157, 214, 224
RGB Percent	62%, 84%, 88%
CMY	0.3847, 0.1607, 0.1216
CMYK	0.30, 0.04, 0.00, 0.12
HSL	189°, 52%, 75%
HSV	189°, 30%, 88%
XYZ	51.3915, 60.6431, 79.5103
YIQ	198.0970, -37.1820, -8.9740

Conversions

Conversions Part 2

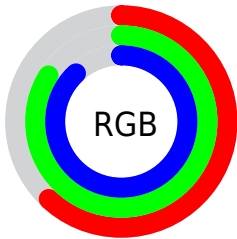
Format	Color
R _{YB}	157, 188, 224
Decimal	10344160
CIE Lab	82.19, -15.88, -10.81
CIE LCh	82, 19.213, 214.255
Yxy	60.6431, 0.2683, 0.3166
Android (android.graphics.Color)	4288534240 (0xFF9DD6E0)
YUV	198.0970, 12.7702, -36.0421
Hunter-Lab	77.8737, -18.4807, -6.0245

Details

The Yxy color **60.6431, 0.2683, 0.3166** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8707, 0.3762, 0.3410**, and the grayscale version is **56.4625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **30.5444, 0.2572, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **56.9290, 0.2552, 0.3118**, and if you desaturate by 10%, it is **64.8094, 0.2825, 0.3211**.

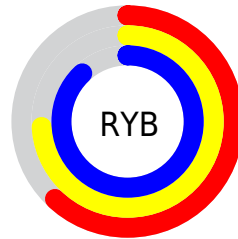
Distribution



Red (62%)

Green (84%)

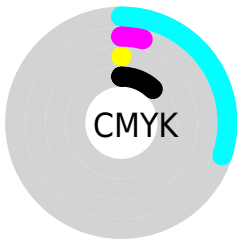
Blue (88%)



Red (62%)

Yellow (74%)

Blue (88%)

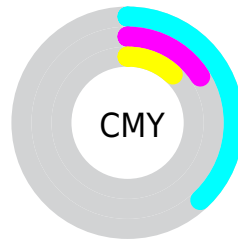


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (38%)


Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6431, 0.2683, 0.3166 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 60.6431, 0.2683, 0.3166 by changing the saturation by 10% instead.


 60.6431, 0.2683,
0.3166


 60.6431, 0.2683,
0.3166


426.9642, 0.2892,
0.3229

 43.9372, 0.2634,
0.3150


 105.7620, 0.2756,
0.3189

 30.6211, 0.2574,
0.3130


 134.9438, 0.2785,
0.3197

 20.3105, 0.2497,
0.3103

169.0530, 0.2809,
0.3205

 12.6210, 0.2395,
0.3066

208.4740, 0.2830,
0.3211

 7.1681, 0.2255,
0.3012

253.5913, 0.2848,
0.3216

 3.5674, 0.2050,
0.2924

304.7891, 0.2865,

 1.4347, 0.1728,

0.3221

0.2767

362.4519, 0.2879,
0.3225

0.2421, 0.0000,
0.1917

0.0000, 0.0000,
0.0000

60.6431, 0.2683,
0.3166

60.6431, 0.2683,
0.3166

56.9290, 0.2552,
0.3118

64.8094, 0.2825,
0.3211

53.6370, 0.2434,
0.3068

69.4417, 0.2974,
0.3252

50.7445, 0.2333,
0.3016

74.5621, 0.3128,
0.3290

48.2238, 0.2250,
0.2963

80.1890, 0.3283,
0.3324

■ 46.0431, 0.2186,
0.2910

■ 83.6061, 0.3340,
0.3357

■ 44.1648, 0.2142,
0.2857

■ 85.4835, 0.3336,
0.3390

■ 42.5235, 0.2113,
0.2805

■ 87.3966, 0.3331,
0.3422

■ 42.5151, 0.2113,
0.2805

■ 89.3454, 0.3327,
0.3455

■ 91.3302, 0.3323,
0.3487

Harmonies

Analogous

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



60.6431, 0.2810, 0.3397



60.6431, 0.2683, 0.3166



60.6431, 0.2670, 0.2982

Triad

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



60.6431, 0.2683, 0.3166



60.6431, 0.3219, 0.3003



60.6431, 0.3484, 0.3703

Complementary

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



60.6431, 0.2683, 0.3166



45.8707, 0.3762, 0.3410

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.



60.6431, 0.3605, 0.3577



60.6431, 0.2683, 0.3166



60.6431, 0.3449, 0.3178

Square

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



60.6431, 0.2683, 0.3166



60.6431, 0.2972, 0.2898



60.6431, 0.3593, 0.3384



60.6431, 0.3270, 0.3718

Rectangle

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



60.6431, 0.2683, 0.3166



60.6431, 0.2727, 0.2908



60.6431, 0.3593, 0.3384



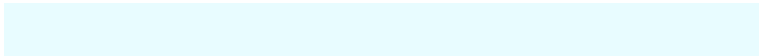
60.6431, 0.3538, 0.3672

Sweetspot

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



60.6455, 0.2683, 0.3166



93.7475, 0.2988, 0.3256



63.2136, 0.3033, 0.4043



19.8604, 0.2965, 0.3250



0.0000, 0.0000, 0.0000



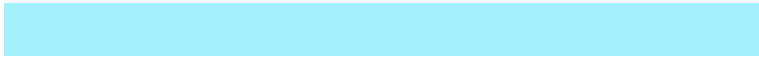
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6455, 0.2683, 0.3166



78.1509, 0.2599, 0.3136



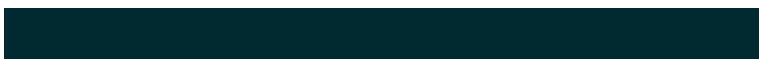
45.7952, 0.2636, 0.2746



15.2070, 0.2982, 0.3254



24.8829, 0.2115, 0.2813



1.8204, 0.2137, 0.2894

Inverse Universe

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



44.7863, 0.3248, 0.2649



53.8978, 0.3279, 0.2514



59.3063, 0.3653, 0.3779



13.8988, 0.3160, 0.3093



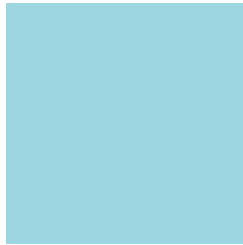
11.4200, 0.3623, 0.1769



0.8012, 0.3549, 0.1729

Previews

White Background



This preview shows how the Yxy color 60.6431, 0.2683, 0.3166 looks on a white background.

Color Contrast Check

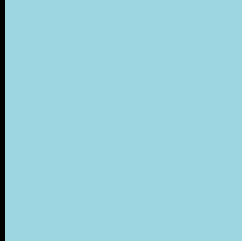
Large Text (above 18pt) WCAG AA × Fail

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 60.6431, 0.2683, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

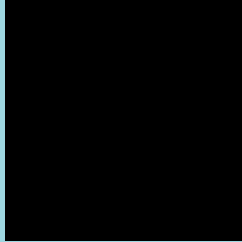
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

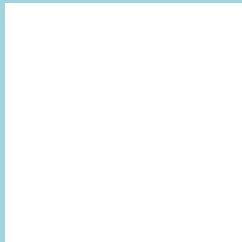
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6431, 0.2683, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 60.6431, 0.2683, 0.3166.



This preview shows how white text looks on a background with the Yxy color 60.6431, 0.2683, 0.3166.

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

60.6431, 0.2683, 0.3166

Protanopia

60.0882, 0.3037, 0.3117

Deuteranopia

60.0804, 0.3035, 0.2965



Tritanopia

60.5708, 0.2655, 0.3082

Trichromacy



Original Color

60.6431, 0.2683, 0.3166

Protanomaly

59.8747, 0.2894, 0.3123

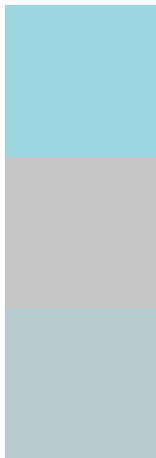
Deuteranomaly

60.0142, 0.2897, 0.3033

Tritanomaly

60.4590, 0.2666, 0.3105

Monochromacy



Original Color

60.6431, 0.2683, 0.3166

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7580, 0.2950, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6431, 0.2683, 0.3166 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(157, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(157, 214, 224)  
}
```

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(157, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 214, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.6431, 0.2683, 0.3166 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(157, 214, 224) }
```

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

```
.border{ border-color:rgb(157, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(157, 214,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6431, 0.2683, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 214, 224) }
```

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

```
.background{ background-color: rgb(157,  
214, 224) }
```

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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