

Converting Colors

$Yxy(36.4195, 0.2194, 0.3053)$

Have a look what the booklet for
Yxy(36.4195, 0.2194, 0.3053)
contains.

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Color

Yxy(36.2544, 0.2192, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	11B3C2
RGB	17, 179, 194
RGB Percent	7%, 70%, 76%
CMY	0.9337, 0.2980, 0.2391
CMYK	0.91, 0.08, 0.00, 0.24
HSL	185°, 84%, 41%
HSV	185°, 91%, 76%
XYZ	26.0898, 36.2544, 56.6787
YIQ	132.2720, -101.3670, -29.6790

Conversions

Conversions Part 2

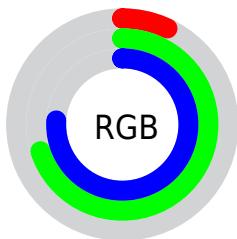
Format	Color
RYB	17, 102, 194
Decimal	1160130
CIELab	66.71, -31.58, -18.28
CIELCh	67, 36.484, 210.060
Yxy	36.2544, 0.2192, 0.3046
Android (android.graphics.Color)	4279350210 (0xFF11B3C2)
YUV	132.2720, 30.4319, -101.0935
Hunter-Lab	60.2116, -28.0259, -13.6631

Details

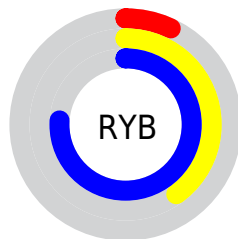
The Yxy color **36.2544, 0.2192, 0.3046** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **12.5429, 0.6155, 0.3376**, and the grayscale version is **23.0839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2618, 0.2362, 0.3106**, and **16.8152, 0.2161, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **35.5654, 0.2173, 0.3021**, and if you desaturate by 10%, it is **37.1819, 0.2227, 0.3075**.

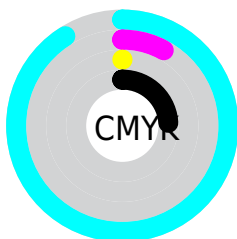
Distribution



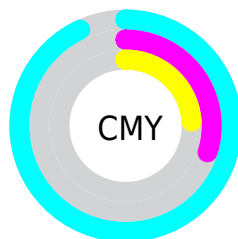
- Red (7%)
- Green (70%)
- Blue (76%)



- Red (7%)
- Yellow (40%)
- Blue (76%)



- Cyan (91%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)




- Cyan (93%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2544, 0.2192, 0.3046 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 36.2544, 0.2192, 0.3046 by changing the saturation by 10% instead.


 36.2544, 0.2192,
0.3046


 36.2544, 0.2192,
0.3046


330.0711, 0.2661,
0.3188

 24.6307, 0.2076,
0.3004


 69.4245, 0.2362,
0.3103

 15.8022, 0.1929,
0.2946


 91.7398, 0.2426,
0.3122

 9.3843, 0.1737,
0.2863


 118.3877, 0.2480,
0.3138

 4.9927, 0.1478,
0.2734

 149.7527, 0.2527,
0.3152

 2.2430, 0.1119,
0.2518

 186.2192, 0.2567,
0.3163

 0.7433, 0.0000,
0.2237

228.1714, 0.2602,

 0.0000, 0.0000,

0.3173

0.0000

275.9940, 0.2633,
0.3181

■ 36.2544, 0.2192,
0.3046

■ 36.2544, 0.2192,
0.3046

■ 35.5654, 0.2173,
0.3021

■ 37.1819, 0.2227,
0.3075

■ 38.3055, 0.2280,
0.3104

■ 39.6533, 0.2353,
0.3133

■ 41.2476, 0.2444,
0.3162

■ 43.1082, 0.2552,
0.3189

■ 45.2527, 0.2675,
0.3216

■ 47.6972, 0.2811,
0.3242

■ 50.4566, 0.2956,
0.3265

■ 53.5447, 0.3107,
0.3287

Harmonies

Analogous

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



36.2544, 0.2476, 0.3601



36.2544, 0.2192, 0.3046



36.2544, 0.2139, 0.2633

Triad

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



36.2544, 0.2192, 0.3046



36.2544, 0.3238, 0.2640



36.2544, 0.3961, 0.4169

Complementary

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



36.2544, 0.2192, 0.3046



12.5429, 0.6155, 0.3376

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.



36.2544, 0.4217, 0.3821



36.2544, 0.2192, 0.3046



36.2544, 0.3788, 0.2975

Square

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



36.2544, 0.2192, 0.3046



36.2544, 0.2701, 0.2446



36.2544, 0.4159, 0.3393



36.2544, 0.3490, 0.4300

Rectangle

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



36.2544, 0.2192, 0.3046



36.2544, 0.2231, 0.2477



36.2544, 0.4159, 0.3393



36.2544, 0.4076, 0.4069

Sweetspot

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



36.2557, 0.2192, 0.3046



83.6008, 0.2726, 0.3226



38.8178, 0.2980, 0.5847



17.9821, 0.2680, 0.3217



0.0000, 0.0000, 0.0000



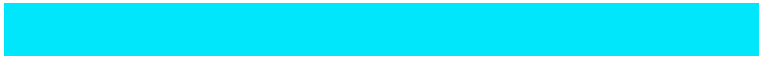
21.4041, 0.3127, 0.3290

Same Dimension

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



36.2557, 0.2192, 0.3046



64.2260, 0.2171, 0.3017



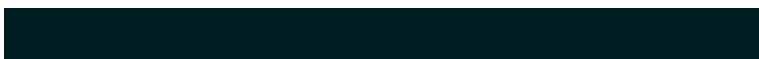
11.4469, 0.1762, 0.1474



11.2775, 0.2984, 0.3270



23.4344, 0.2174, 0.3025



1.0564, 0.2191, 0.3089

Inverse Universe

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



15.1261, 0.3411, 0.1687



26.5508, 0.3439, 0.1668



25.0014, 0.5024, 0.4317



10.2323, 0.3150, 0.3082



9.6480, 0.3432, 0.1664



0.4213, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 36.2544, 0.2192, 0.3046 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 36.2544, 0.2192, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

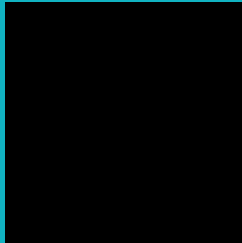
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

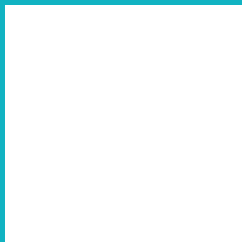
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2544, 0.2192, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 36.2544, 0.2192, 0.3046.



This preview shows how white text looks on a background with the Yxy color 36.2544, 0.2192, 0.3046.

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

36.2544, 0.2192, 0.3046

Protanopia

35.7469, 0.2929, 0.2991

Deuteranopia

35.8463, 0.2786, 0.2726



Tritanopia

36.2454, 0.2191, 0.3046

Trichromacy



Original Color

36.2544, 0.2192, 0.3046



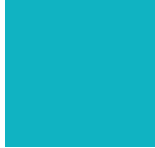
Protanomaly

34.3084, 0.2508, 0.2993



Deuteranomaly

34.4295, 0.2439, 0.2820



Tritanomaly

36.2454, 0.2191, 0.3046

Monochromacy



Original Color

36.2544, 0.2192, 0.3046



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

26.0351, 0.2551, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2544, 0.2192, 0.3046 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(17, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(17, 179, 194)  
}
```

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(17, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 179, 194) }
```

Border

The CSS property to change the border of an element to Yxy 36.2544, 0.2192, 0.3046 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(17, 179, 194) }
```

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

```
.border{ border-color:rgb(17, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(17, 179,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2544, 0.2192, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 179, 194) }
```

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

```
.background{ background-color: rgb(17, 179,  
194) }
```

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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