

Converting Colors

$Yxy(36.5639, 0.2614, 0.3291)$

Have a look what the booklet for
Yxy(36.5639, 0.2614, 0.3291)
contains.

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Color

Yxy(36.5793, 0.2615, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	6DAEAE
RGB	109, 174, 174
RGB Percent	43%, 68%, 68%
CMY	0.5722, 0.3177, 0.3176
CMYK	0.37, 0.00, 0.00, 0.32
HSL	180°, 29%, 56%
HSV	180°, 37%, 68%
XYZ	29.0921, 36.5793, 45.5795
YIQ	154.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

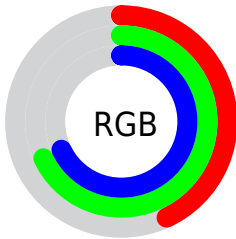
Format	Color
RYB	109, 142, 174
Decimal	7188142
CIELab	66.96, -20.62, -6.58
CIElCh	67, 21.647, 197.688
Yxy	36.5793, 0.2615, 0.3288
Android (android.graphics.Color)	4285378222 (0xFF6DAEAE)
YUV	154.5650, 9.5815, -39.9605
Hunter-Lab	60.4808, -19.9805, -2.3455

Details

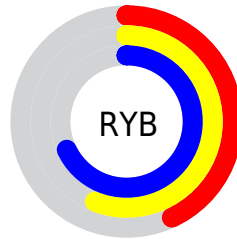
The Yxy color **36.5793, 0.2615, 0.3288** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0701, 0.4018, 0.3293**, and the grayscale version is **32.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0373, 0.2712, 0.3301**, and **15.9206, 0.2457, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **35.5800, 0.2509, 0.3288**, and if you desaturate by 10%, it is **37.8000, 0.2736, 0.3289**.

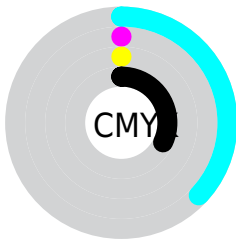
Distribution



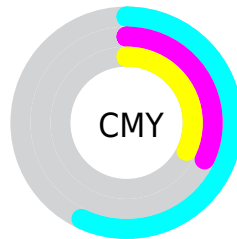
- Red (43%)
- Green (68%)
- Blue (68%)



- Red (43%)
- Yellow (56%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)





- Cyan (57%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5793, 0.2615, 0.3288 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 36.5793, 0.2615, 0.3288 by changing the saturation by 10% instead.


 36.5793, 0.2615,
0.3288

 36.5793, 0.2615,
0.3288


331.4855, 0.2878,
0.3294


 24.8819, 0.2547,
0.3285


 69.9253, 0.2712,
0.3291

 15.9891, 0.2459,
0.3280


 92.3427, 0.2748,
0.3292

 9.5164, 0.2340,
0.3271

 119.1022, 0.2778,
0.3293

 5.0795, 0.2171,
0.3255

 150.5882, 0.2804,
0.3293

 2.2940, 0.1911,
0.3220

187.1852, 0.2826,
0.3293

 0.7705, 0.0979,
0.3295

229.2775, 0.2846,

 0.0000, 0.0000,

0.3293

0.0000

277.2494, 0.2863,
0.3294

■ 36.5793, 0.2615,
0.3288

■ 36.5793, 0.2615,
0.3288

■ 35.5800, 0.2509,
0.3288

■ 37.8000, 0.2736,
0.3289

■ 34.7848, 0.2421,
0.3287

■ 39.2498, 0.2871,
0.3289

■ 34.1809, 0.2351,
0.3287


■ 40.9410, 0.3016,
0.3290

■ 33.7522, 0.2300,
0.3287

■ 42.8839, 0.3169,
0.3290


■ 33.4797, 0.2267,
0.3286

■ 45.0884, 0.3326,
0.3291


 33.3353, 0.2250,
0.3286

 47.5636, 0.3486,
0.3291

 33.3043, 0.2246,
0.3286

 50.3183, 0.3645,
0.3292

 53.3608, 0.3801,
0.3292

 54.6115, 0.3860,
0.3293

Harmonies

Analogous

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



36.5793, 0.2849, 0.3599



36.5793, 0.2615, 0.3288



36.5793, 0.2515, 0.2998

Triad

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



36.5793, 0.2615, 0.3288



36.5793, 0.3061, 0.2824



36.5793, 0.3711, 0.3757

Complementary

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



36.5793, 0.2615, 0.3288



21.0701, 0.4018, 0.3293

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.



36.5793, 0.3781, 0.3528



36.5793, 0.2615, 0.3288



36.5793, 0.3394, 0.3006

Square

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



36.5793, 0.2615, 0.3288



36.5793, 0.2762, 0.2751



36.5793, 0.3663, 0.3257



36.5793, 0.3482, 0.3874

Rectangle

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



36.5793, 0.2615, 0.3288



36.5793, 0.2533, 0.2857



36.5793, 0.3663, 0.3257



36.5793, 0.3755, 0.3690

Sweetspot

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



36.5807, 0.2615, 0.3288



73.0024, 0.2959, 0.3289



34.6418, 0.3075, 0.4398



16.1348, 0.2939, 0.3289



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.5807, 0.2615, 0.3288



64.7751, 0.2524, 0.3288



25.5275, 0.2539, 0.2750



9.0715, 0.2987, 0.3289



24.1510, 0.2246, 0.3286



0.6721, 0.2246, 0.3286

Inverse Universe

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



23.0131, 0.3170, 0.2386



36.4858, 0.3179, 0.2196



29.3205, 0.3838, 0.3772



8.1480, 0.3138, 0.3067



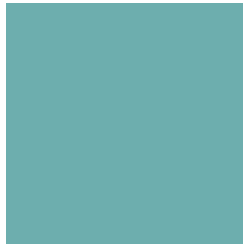
8.7411, 0.3210, 0.1542



0.2432, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 36.5793, 0.2615, 0.3288 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 36.5793, 0.2615, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

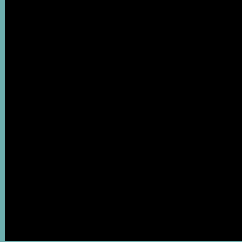
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

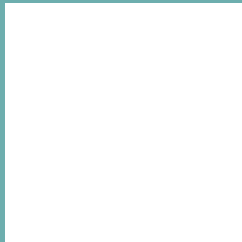
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5793, 0.2615, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 36.5793, 0.2615, 0.3288.

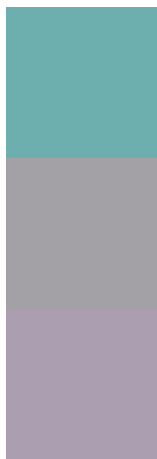


This preview shows how white text looks on a background with the Yxy color 36.5793, 0.2615, 0.3288.

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

36.5793, 0.2615, 0.3288

Protanopia

36.1354, 0.3112, 0.3218

Deuteranopia

36.2860, 0.3082, 0.3026



Tritanopia

36.4950, 0.2553, 0.3075

Trichromacy



Original Color

36.5793, 0.2615, 0.3288

Protanomaly

36.0663, 0.2906, 0.3245

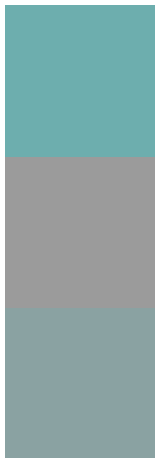
Deuteranomaly

35.9814, 0.2884, 0.3113

Tritanomaly

36.6440, 0.2574, 0.3150

Monochromacy



Original Color

36.5793, 0.2615, 0.3288

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.8526, 0.2908, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5793, 0.2615, 0.3288 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(109, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(109, 174, 174)  
}
```

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(109, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 174, 174) }
```

Border

The CSS property to change the border of an element to Yxy 36.5793, 0.2615, 0.3288 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(109, 174, 174) }
```

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

```
.border{ border-color:rgb(109, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(109, 174,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5793, 0.2615, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 174, 174) }
```

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

```
.background{ background-color: rgb(109,  
174, 174) }
```

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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