

Converting Colors

$Y_{xy}(10.6298, 0.1774, 0.1350)$

Have a look what the booklet for
Yxy(10.6298, 0.1774, 0.1350)
contains.

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Color

Yxy(10.6298, 0.1774, 0.1350)

Conversions

Conversions Part 1

Format	Color
Hex	2653C5
RGB	38, 83, 197
RGB Percent	15%, 33%, 77%
CMY	0.8513, 0.6745, 0.2274
CMYK	0.81, 0.58, 0.00, 0.23
HSL	223°, 68%, 46%
HSV	223°, 81%, 77%
XYZ	13.9683, 10.6298, 54.1411
YIQ	82.5410, -63.4140, 25.9140

Conversions

Conversions Part 2

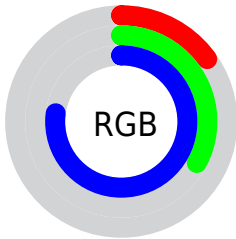
Format	Color
R_{YB}	38, 73, 197
Decimal	2511813
CIE _{Lab}	38.95, 27.01, -63.71
CIE _{LCh}	39, 69.194, 292.973
Yxy	10.6298, 0.1774, 0.1350
Android (android.graphics.Color)	4280701893 (0xFF2653C5)
YUV	82.5410, 56.4283, -39.0625
Hunter-Lab	32.6034, 19.4193, -75.6345

Details

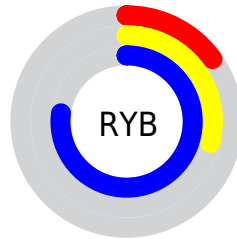
The Yxy color **10.6298, 0.1774, 0.1350** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **34.4382, 0.4571, 0.4551**, and the grayscale version is **8.4423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0375, 0.2073, 0.1713**, and **3.4040, 0.1604, 0.0974** is the 20% darker color. If you saturate the color by 10%, you get **8.4054, 0.1668, 0.1126**, and if you desaturate by 10%, it is **13.4924, 0.1912, 0.1603**.

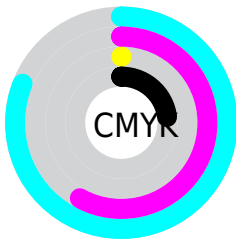
Distribution



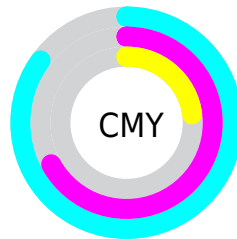
- Red (15%)
- Green (33%)
- Blue (77%)



- Red (15%)
- Yellow (29%)
- Blue (77%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (23%)





- Cyan (85%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6298, 0.1774, 0.1350 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 10.6298, 0.1774, 0.1350 by changing the saturation by 10% instead.


 10.6298, 0.1774,
0.1350


 10.6298, 0.1774,
0.1350


195.1098, 0.2551,
0.2364


 5.8185, 0.1564,
0.1112


 26.9735, 0.2073,
0.1714


 2.7350, 0.1295,
0.0831

 39.2748, 0.2181,
0.1854

 0.9950, 0.0955,
0.0513

 54.8414, 0.2271,
0.1972

 0.0000, 0.0533,
0.0000

 74.0579, 0.2345,
0.2074

 0.0000, 0.0000,
0.0000

 97.3086, 0.2409,
0.2161

124.9778, 0.2463,

0.2237

157.4501, 0.2510,
0.2304

■ 10.6298, 0.1774,
0.1350

■ 10.6298, 0.1774,
0.1350

■ 8.4054, 0.1668,
0.1126

■ 13.4924, 0.1912,
0.1603

■ 6.8443, 0.1598,
0.0952

■ 17.0446, 0.2073,
0.1872

■ 21.3324, 0.2251,
0.2144

■ 26.3974, 0.2434,
0.2409

■ 32.2779, 0.2617,
0.2658

■ 39.0093, 0.2794,
0.2887

■ 46.6251, 0.2961,
0.3093

■ 55.1567, 0.3116,
0.3277

■ 64.6341, 0.3258,
0.3439

Harmonies

Analogous

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



10.6298, 0.1145, 0.1344



10.6298, 0.1774, 0.1350



10.6298, 0.2955, 0.1658

Triad

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



10.6298, 0.1774, 0.1350



10.6298, 0.5890, 0.3811



10.6298, 0.1573, 0.4624

Complementary

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



10.6298, 0.1774, 0.1350



34.4382, 0.4571, 0.4551

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.



10.6298, 0.2645, 0.6173



10.6298, 0.1774, 0.1350



10.6298, 0.5136, 0.4864

Square

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



10.6298, 0.1774, 0.1350



10.6298, 0.5815, 0.2994



10.6298, 0.3926, 0.5939



10.6298, 0.1008, 0.2716

Rectangle

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



10.6298, 0.1774, 0.1350



10.6298, 0.4031, 0.2025



10.6298, 0.3926, 0.5939



10.6298, 0.1887, 0.5306

Sweetspot

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



10.6301, 0.1774, 0.1350



65.3245, 0.2731, 0.2806



42.5238, 0.2518, 0.4084



13.0539, 0.2667, 0.2723



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.



10.6301, 0.1774, 0.1350



12.6842, 0.1610, 0.0980



6.7047, 0.1809, 0.0913



10.7689, 0.2983, 0.3120



4.6258, 0.1604, 0.0974



0.3452, 0.1724, 0.1404

Inverse Universe

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



13.8766, 0.5192, 0.2850



21.9727, 0.5783, 0.2977



48.0932, 0.3850, 0.5161



10.6855, 0.3246, 0.3225



8.0070, 0.5798, 0.2967



0.3919, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 10.6298, 0.1774, 0.1350 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 10.6298, 0.1774, 0.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

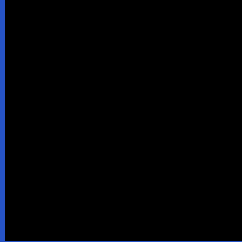
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6298, 0.1774, 0.1350

Background



This preview shows how black text looks on a background with the Yxy color 10.6298, 0.1774, 0.1350.



This preview shows how white text looks on a background with the Yxy color 10.6298, 0.1774, 0.1350.

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

10.6298, 0.1774, 0.1350

Protanopia

10.5246, 0.1747, 0.1488

Deuteranopia

10.5435, 0.1860, 0.1895



Tritanopia

10.3901, 0.2194, 0.3096

Trichromacy



Original Color

10.6298, 0.1774, 0.1350

Protanomaly

10.4666, 0.1746, 0.1427

Deuteranomaly

10.4228, 0.1814, 0.1661

Tritanomaly

9.9922, 0.1974, 0.2212

Monochromacy



Original Color

10.6298, 0.1774, 0.1350

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.8350, 0.2369, 0.2314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6298, 0.1774, 0.1350 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(38, 83, 197)` looks like.

```
.text, #text, p{  
    color:rgb(38, 83, 197)  
}
```

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(38, 83, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 83, 197) }
```

Border

The CSS property to change the border of an element to Yxy 10.6298, 0.1774, 0.1350 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(38, 83, 197) }
```

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

```
.border{ border-color:rgb(38, 83, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 83, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 83, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 83, 197);  
box-shadow:4px 4px 4px 4px rgb(38, 83,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6298, 0.1774, 0.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 83, 197) }
```

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

```
.background{ background-color: rgb(38, 83,  
197) }
```

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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