

Converting Colors

$Y_{xy}(10.1017, 0.4079, 0.4685)$

Have a look what the booklet for
Yxy(10.1017, 0.4079, 0.4685)
contains.

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Color

Yxy(10.0577, 0.4090, 0.4681)

Conversions

Conversions Part 1

Format	Color
Hex	605B1D
RGB	96, 91, 29
RGB Percent	38%, 36%, 11%
CMY	0.6235, 0.6431, 0.8863
CMYK	0.00, 0.05, 0.70, 0.62
HSL	56°, 54%, 25%
HSV	56°, 70%, 38%
XYZ	8.7879, 10.0577, 2.6407
YIQ	85.4270, 22.8820, -18.2220

Conversions

Conversions Part 2

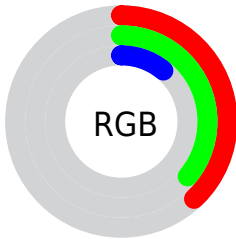
Format	Color
R_{YB}	34, 96, 29
Decimal	6314781
CIE Lab	37.95, -6.43, 35.12
CIE LCh	38, 35.703, 100.380
Yxy	10.0577, 0.4090, 0.4681
Android (android.graphics.Color)	4284504861 (0xFF605B1D)
YUV	85.4270, -27.8185, 9.2725
Hunter-Lab	31.7139, -6.0372, 17.2629

Details

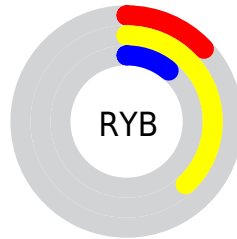
The Yxy color **10.0577, 0.4090, 0.4681** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.2512, 0.1902, 0.1342**, and the grayscale version is **9.2354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.9751, 0.3874, 0.4326**, and **2.5583, 0.4224, 0.5028** is the 20% darker color. If you saturate the color by 10%, you get **9.8956, 0.4185, 0.4801**, and if you desaturate by 10%, it is **10.2368, 0.3975, 0.4527**.

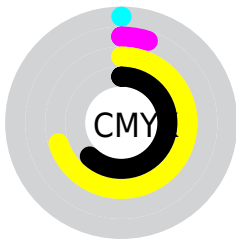
Distribution



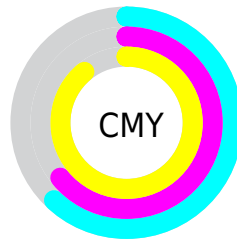
- Red (38%)
- Green (36%)
- Blue (11%)



- Red (13%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (5%)
- Yellow (70%)
- Black (62%)




- Cyan (62%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.0577, 0.4090, 0.4681 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 10.0577, 0.4090, 0.4681 by changing the saturation by 10% instead.

 10.0577, 0.4090,
0.4681


 10.0577, 0.4090,
0.4681


191.0834, 0.3529,
0.3831


 5.4372, 0.4232,
0.4939

 25.9040, 0.3873,
0.4332


 2.5060, 0.4537,
0.5463


 37.8986, 0.3794,
0.4213

 0.8796, 0.4356,
0.5644

 53.1200, 0.3730,
0.4117

 0.0000, 0.0000,
0.0000

 71.9526, 0.3676,
0.4039

 94.7809, 0.3630,
0.3973

 121.9892, 0.3592,

0.3919

153.9619, 0.3558,
0.3872

10.0577, 0.4090,
0.4681

10.0577, 0.4090,
0.4681

9.8956, 0.4185,
0.4801

10.2368, 0.3975,
0.4527

9.7475, 0.4257,
0.4883

10.4327, 0.3844,
0.4346

9.6066, 0.4320,
0.4949

10.6469, 0.3703,
0.4144

9.6036, 0.4322,
0.4951

10.8806, 0.3556,
0.3931

11.1345, 0.3408,
0.3713

■ 11.4098, 0.3263,
0.3496

■ 11.7070, 0.3124,
0.3286

■ 12.0271, 0.2993,
0.3085

■ 12.3707, 0.2870,
0.2896

Harmonies

Analogous

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



10.0577, 0.4627, 0.4187



10.0577, 0.4090, 0.4681



10.0577, 0.3337, 0.4808

Triad

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



10.0577, 0.4090, 0.4681



10.0577, 0.1734, 0.2649



10.0577, 0.3571, 0.2505

Complementary

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



10.0577, 0.4090, 0.4681



2.2512, 0.1902, 0.1342

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.



10.0577, 0.2738, 0.2167



10.0577, 0.4090, 0.4681



10.0577, 0.1779, 0.2193

Square

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



10.0577, 0.4090, 0.4681



10.0577, 0.1997, 0.3434



10.0577, 0.2115, 0.2050



10.0577, 0.4356, 0.3005

Rectangle

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



10.0577, 0.4090, 0.4681



10.0577, 0.2814, 0.4550



10.0577, 0.2115, 0.2050



10.0577, 0.3282, 0.2371

Sweetspot

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



10.0582, 0.4090, 0.4681



19.4140, 0.3435, 0.3753



3.4854, 0.5063, 0.3173



4.7996, 0.3463, 0.3794



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.0582, 0.4090, 0.4681



17.1512, 0.4237, 0.4861



9.6893, 0.3547, 0.5057



2.9393, 0.3251, 0.3477



13.3187, 0.4324, 0.4949



70.5874, 0.4333, 0.4942

Inverse Universe

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



2.2512, 0.1902, 0.1342



2.4513, 0.1661, 0.0926



2.5913, 0.2330, 0.1426



2.5429, 0.3000, 0.3096



1.3566, 0.1523, 0.0683



6.7042, 0.1510, 0.0637

Previews

White Background



This preview shows how the Yxy color 10.0577, 0.4090, 0.4681 looks on a white background.

Color Contrast Check

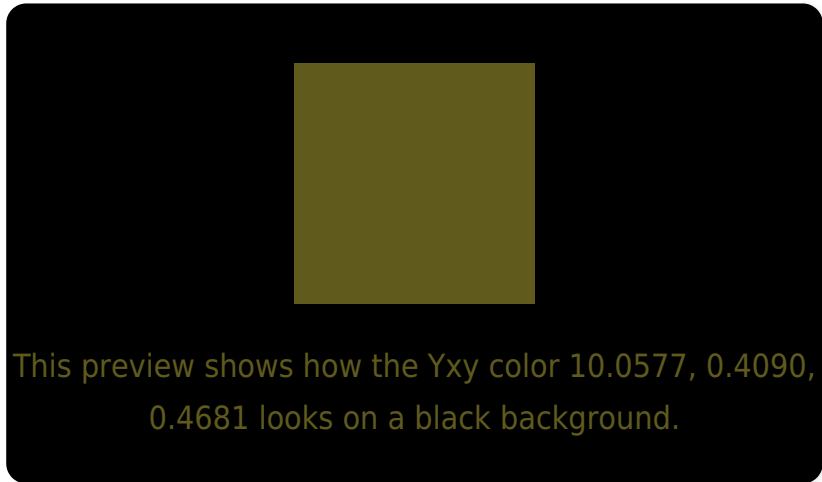
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

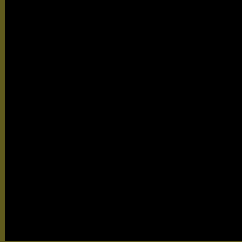
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0577, 0.4090, 0.4681

Background



This preview shows how black text looks on a background with the Yxy color 10.0577, 0.4090, 0.4681.



This preview shows how white text looks on a background with the Yxy color 10.0577, 0.4090, 0.4681.

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

10.0577, 0.4090, 0.4681

Protanopia

10.1104, 0.4175, 0.4622

Deuteranopia

10.0407, 0.4441, 0.4381



Tritanopia

10.0364, 0.3287, 0.3128

Trichromacy



Original Color

10.0577, 0.4090, 0.4681

Protanomaly

10.0537, 0.4157, 0.4632

Deuteranomaly

9.9743, 0.4316, 0.4491

Tritanomaly

9.8987, 0.3625, 0.3727

Monochromacy



Original Color

10.0577, 0.4090, 0.4681

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.3219, 0.3511, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0577, 0.4090, 0.4681 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(96, 91, 29) looks like.

```
.text, #text, p{  
    color:rgb(96, 91, 29)  
}
```

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(96, 91, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 91, 29) }
```

Border

The CSS property to change the border of an element to Yxy 10.0577, 0.4090, 0.4681 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(96, 91, 29) }
```

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

```
.border{ border-color:rgb(96, 91, 29) }
```

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

Here you see how a box with a 4 pixel rgb(96, 91, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 91, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 91, 29);  
box-shadow:4px 4px 4px 4px rgb(96, 91, 29)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.0577, 0.4090, 0.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 91, 29) }
```

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

```
.background{ background-color: rgb(96, 91,  
29) }
```

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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