

Converting Colors

$Y_{xy}(10.1639, 0.6048, 0.3124)$

Have a look what the booklet for
Yxy(10.1639, 0.6048, 0.3124)
contains.

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Color

Yxy(10.1655, 0.6050, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	B60425
RGB	182, 4, 37
RGB Percent	71%, 2%, 15%
CMY	0.2863, 0.9841, 0.8549
CMYK	0.00, 0.98, 0.80, 0.29
HSL	349°, 96%, 36%
HSV	349°, 98%, 71%
XYZ	19.6678, 10.1655, 2.6755
YIQ	60.9840, 95.4950, 47.9990

Conversions

Conversions Part 2

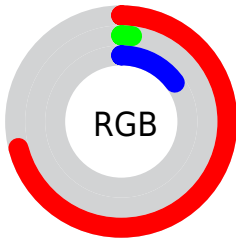
Format	Color
RYB	182, 4, 37
Decimal	11928613
CIELab	38.14, 62.39, 35.20
CIElCh	38, 71.630, 29.430
Yxy	10.1655, 0.6050, 0.3127
Android (android.graphics.Color)	4290118693 (0xFFB60425)
YUV	60.9840, -11.8241, 106.1310
Hunter-Lab	31.8834, 54.3149, 17.3431

Details

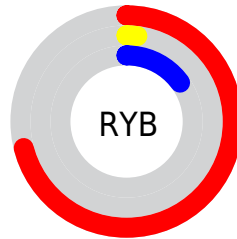
The Yxy color **10.1655, 0.6050, 0.3127** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **35.6517, 0.2413, 0.3874**, and the grayscale version is **4.6762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2366, 0.5346, 0.3297**, and **3.9931, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.0581, 0.6111, 0.3140**, and if you desaturate by 10%, it is **10.7747, 0.5735, 0.3060**.

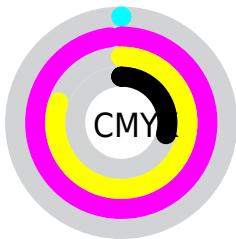
Distribution



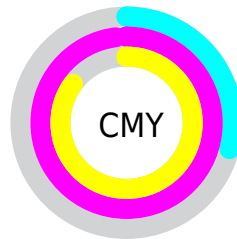
- Red (71%)
- Green (2%)
- Blue (15%)



- Red (71%)
- Yellow (2%)
- Blue (15%)



- Cyan (0%)
- Magenta (98%)
- Yellow (80%)
- Black (29%)





- Cyan (29%)
- Magenta (98%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.1655, 0.6050, 0.3127 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 10.1655, 0.6050, 0.3127 by changing the saturation by 10% instead.


 10.1655, 0.6050,
0.3127


 10.1655, 0.6050,
0.3127


191.8492, 0.4286,
0.3384


 5.5088, 0.6556,
0.2946

 26.1063, 0.5343,
0.3292


 2.5488, 0.7329,
0.2671

 38.1593, 0.5095,
0.3330


 0.9010, 0.7955,
0.2045

 53.4464, 0.4894,
0.3353

 0.0000, 1.0000,
0.0000


 72.3522, 0.4728,
0.3367


 0.0000, 0.0000,
0.0000


 95.2610, 0.4590,
0.3375


 122.5571, 0.4473,

0.3380


 154.6251, 0.4372,
0.3383


 10.1655, 0.6050,
0.3127


 10.1655, 0.6050,
0.3127


 10.0581, 0.6111,
0.3140

 10.7747, 0.5735,
0.3060

 11.8945, 0.5347,
0.3019

 13.6391, 0.4930,
0.3010

 16.0831, 0.4529,
0.3028

 19.2907, 0.4171,
0.3063

■ 23.3186, 0.3865,
0.3109

■ 28.2181, 0.3611,
0.3158

■ 34.0365, 0.3403,
0.3208

■ 40.8175, 0.3235,
0.3255

Harmonies

Analogous

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



10.1655, 0.5009, 0.2361



10.1655, 0.6050, 0.3127



10.1655, 0.5882, 0.4005

Triad

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



10.1655, 0.6050, 0.3127



10.1655, 0.2329, 0.6153



10.1655, 0.1184, 0.1257

Complementary

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



10.1655, 0.6050, 0.3127



35.6517, 0.2413, 0.3874

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.



10.1655, 0.0871, 0.1525



10.1655, 0.6050, 0.3127



10.1655, 0.1329, 0.4201

Square

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



10.1655, 0.6050, 0.3127



10.1655, 0.3626, 0.6230



10.1655, 0.0886, 0.2371



10.1655, 0.1930, 0.1332

Rectangle

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



10.1655, 0.6050, 0.3127



10.1655, 0.5284, 0.4716



10.1655, 0.0886, 0.2371



10.1655, 0.1040, 0.1302

Sweetspot

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



10.1661, 0.6050, 0.3127



49.5154, 0.3651, 0.3149



9.6138, 0.2720, 0.1281



10.0838, 0.3756, 0.3128



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



10.1661, 0.6050, 0.3127



18.2114, 0.6144, 0.3158



12.9235, 0.5902, 0.3668



9.0387, 0.3259, 0.3248



7.1108, 0.6086, 0.3126



0.2590, 0.5412, 0.2755

Inverse Universe

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



10.1661, 0.6050, 0.3127



18.2114, 0.6144, 0.3158



19.0026, 0.1978, 0.2307



9.0387, 0.3259, 0.3248



7.1108, 0.6086, 0.3126



0.2590, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 10.1655, 0.6050, 0.3127 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 10.1655, 0.6050, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

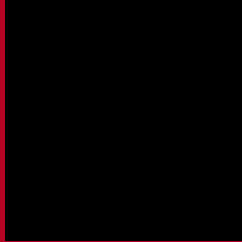
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1655, 0.6050, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 10.1655, 0.6050, 0.3127.



This preview shows how white text looks on a background with the Yxy color 10.1655, 0.6050, 0.3127.

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

10.1655, 0.6050, 0.3127

Protanopia

10.7164, 0.3811, 0.4111

Deuteranopia

10.7584, 0.4527, 0.4486



Tritanopia

10.3222, 0.6315, 0.3344

Trichromacy



Original Color

10.1655, 0.6050, 0.3127

Protanomaly

8.2078, 0.4828, 0.3477

Deuteranomaly

8.5904, 0.5376, 0.3694

Tritanomaly

10.2425, 0.6262, 0.3288

Monochromacy



Original Color

10.1655, 0.6050, 0.3127

Achromatopsia

4.6665, 0.3127, 0.3290

Achromatomaly

4.7688, 0.4570, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1655, 0.6050, 0.3127 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(182, 4, 37)` looks like.

```
.text, #text, p{  
  color:rgb(182, 4, 37)  
}
```

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(182, 4, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 4, 37) }
```

Border

The CSS property to change the border of an element to Yxy 10.1655, 0.6050, 0.3127 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(182, 4, 37) }
```

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

```
.border{ border-color:rgb(182, 4, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 4, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 4, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 4, 37);  
box-shadow:4px 4px 4px 4px rgb(182, 4, 37)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.1655, 0.6050, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 4, 37) }
```

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

```
.background{ background-color: rgb(182, 4,  
37) }
```

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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