

Converting Colors

$Y_{xy}(11.2725, 0.6247, 0.3422)$

Have a look what the booklet for
Yxy(11.2725, 0.6247, 0.3422)
contains.

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Color

Yxy(11.3178, 0.6250, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	BA1D00
RGB	186, 29, 0
RGB Percent	73%, 11%, 0%
CMY	0.2706, 0.8862, 0.9998
CMYK	0.00, 0.84, 1.00, 0.27
HSL	9°, 100%, 36%
HSV	9°, 100%, 73%
XYZ	20.6892, 11.3178, 1.0957
YIQ	72.6370, 102.8810, 24.2650

Conversions

Conversions Part 2

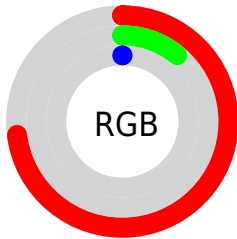
Format	Color
R _Y B	186, 34, 0
Decimal	12197120
CIE Lab	40.11, 58.92, 53.56
CIE LCh	40, 79.625, 42.275
Yxy	11.3178, 0.6250, 0.3419
Android (android.graphics.Color)	4290387200 (0xFFBA1D00)
YUV	72.6370, -35.8100, 99.4194
Hunter-Lab	33.6419, 50.9008, 21.6183

Details

The Yxy color **11.3178, 0.6250, 0.3419** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **27.6729, 0.2108, 0.2787**, and the grayscale version is **6.6487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2393, 0.5605, 0.3586**, and **4.2110, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.3161, 0.6251, 0.3419**, and if you desaturate by 10%, it is **12.3401, 0.5999, 0.3477**.

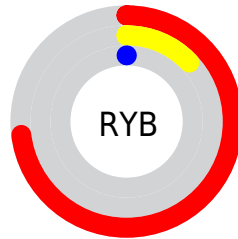
Distribution



Red (73%)

Green (11%)

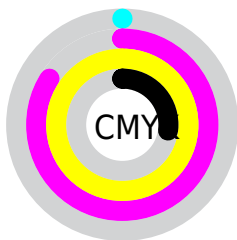
Blue (0%)



Red (73%)

Yellow (13%)

Blue (0%)

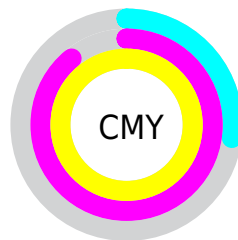


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3178, 0.6250, 0.3419 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 11.3178, 0.6250, 0.3419 by changing the saturation by 10% instead.


 11.3178, 0.6250,
0.3419


 11.3178, 0.6250,
0.3419


 199.8351, 0.4480,
0.3604


 6.2810, 0.6744,
0.3256


 28.2464, 0.5600,
0.3590


 3.0167, 0.7135,
0.2865

 40.9069, 0.5352,
0.3619


 1.1405, 0.7707,
0.2293

 56.8775, 0.5143,
0.3631

 0.0123, 0.9924,
0.0076

 76.5426, 0.4967,
0.3633

 0.0000, 1.0000,
0.0000


 100.2864, 0.4817,
0.3630


 0.0000, 0.0000,
0.0000


 128.4936, 0.4689,


0.3623


 161.5483, 0.4577,
0.3614


 11.3178, 0.6250,
0.3419


 11.3178, 0.6250,
0.3419

 11.3161, 0.6251,
0.3419

 12.3401, 0.5999,
0.3477

 13.8501, 0.5648,
0.3520

 15.9091, 0.5232,
0.3534

 18.5639, 0.4805,
0.3524

 21.8566, 0.4404,
0.3495

■ 25.8251, 0.4051,
0.3457

■ 30.5044, 0.3751,
0.3414

■ 35.9272, 0.3502,
0.3371

■ 42.1240, 0.3296,
0.3329

Harmonies

Analogous

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



11.3178, 0.5766, 0.2627



11.3178, 0.6250, 0.3419



11.3178, 0.5587, 0.4413

Triad

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



11.3178, 0.6250, 0.3419



11.3178, 0.1741, 0.5664



11.3178, 0.1360, 0.1168

Complementary

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



11.3178, 0.6250, 0.3419



27.6729, 0.2108, 0.2787

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.



11.3178, 0.0879, 0.1270



11.3178, 0.6250, 0.3419



11.3178, 0.0968, 0.3265

Square

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



11.3178, 0.6250, 0.3419



11.3178, 0.2967, 0.6615



11.3178, 0.0749, 0.1820



11.3178, 0.2383, 0.1376

Rectangle

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



11.3178, 0.6250, 0.3419



11.3178, 0.4774, 0.5226



11.3178, 0.0749, 0.1820



11.3178, 0.1152, 0.1166

Sweetspot

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



11.3185, 0.6250, 0.3419



54.8121, 0.3766, 0.3416



12.9125, 0.3629, 0.1773



11.2500, 0.3888, 0.3435



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



11.3185, 0.6250, 0.3419



20.2904, 0.6271, 0.3403



24.0941, 0.4978, 0.4429



9.2321, 0.3284, 0.3326



7.6857, 0.6233, 0.3433



0.3424, 0.5809, 0.3770

Inverse Universe

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



27.6729, 0.2108, 0.2787



49.8602, 0.2105, 0.2778



7.3417, 0.1645, 0.1122



9.9659, 0.2985, 0.3254



18.7050, 0.2110, 0.2794



0.7243, 0.2149, 0.2934

Previews

White Background



This preview shows how the Yxy color 11.3178, 0.6250, 0.3419 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

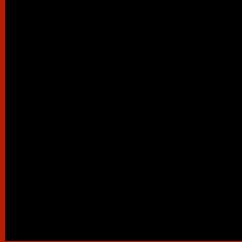
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3178, 0.6250, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 11.3178, 0.6250, 0.3419.



This preview shows how white text looks on a background with the Yxy color 11.3178, 0.6250, 0.3419.

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

11.3178, 0.6250, 0.3419

Protanopia

11.6157, 0.4271, 0.4715

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.3398, 0.6095, 0.3317

Trichromacy



Original Color

11.3178, 0.6250, 0.3419

Protanomaly

9.9035, 0.5197, 0.4099

Deuteranomaly

10.1540, 0.5468, 0.4040

Tritanomaly

11.3070, 0.6170, 0.3361

Monochromacy



Original Color

11.3178, 0.6250, 0.3419

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

6.7009, 0.4680, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3178, 0.6250, 0.3419 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(186, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 29, 0)  
}
```

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(186, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 29, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3178, 0.6250, 0.3419 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(186, 29, 0) }
```

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

```
.border{ border-color:rgb(186, 29, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 29, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 29, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 29, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 29, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3178, 0.6250, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 29, 0) }
```

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

```
.background{ background-color: rgb(186, 29,  
0) }
```

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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