

Converting Colors

$Y_{xy}(11.9797, 0.6260, 0.3411)$

Have a look what the booklet for
Yxy(11.9797, 0.6260, 0.3411)
contains.

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Color

Yxy(11.9551, 0.6259, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	BF1D00
RGB	191, 29, 0
RGB Percent	75%, 11%, 0%
CMY	0.2510, 0.8862, 1.0000
CMYK	0.00, 0.85, 1.00, 0.25
HSL	9°, 100%, 37%
HSV	9°, 100%, 75%
XYZ	21.9241, 11.9551, 1.1489
YIQ	74.1320, 105.8610, 25.3250

Conversions

Conversions Part 2

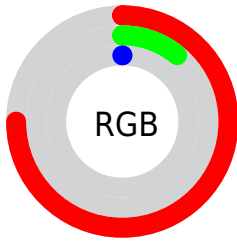
Format	Color
R_{YB}	191, 34, 0
Decimal	12524800
CIE Lab	41.14, 60.33, 54.66
CIE LCh	41, 81.407, 42.177
Yxy	11.9551, 0.6259, 0.3413
Android (android.graphics.Color)	4290714880 (0xFFBF1D00)
YUV	74.1320, -36.5471, 102.4932
Hunter-Lab	34.5761, 52.6753, 22.2332

Details

The Yxy color **11.9551, 0.6259, 0.3413** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **29.5896, 0.2111, 0.2799**, and the grayscale version is **6.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1713, 0.5611, 0.3581**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.9561, 0.6258, 0.3413**, and if you desaturate by 10%, it is **13.0174, 0.6011, 0.3470**.

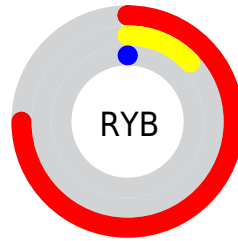
Distribution



Red (75%)

Green (11%)

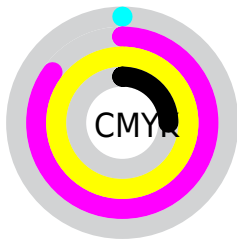
Blue (0%)



Red (75%)

Yellow (13%)

Blue (0%)

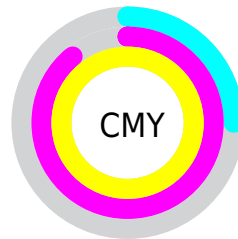


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9551, 0.6259, 0.3413 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 11.9551, 0.6259, 0.3413 by changing the saturation by 10% instead.


 11.9551, 0.6259,
0.3413


 11.9551, 0.6259,
0.3413


 204.1078, 0.4500,
0.3605


 6.7131, 0.6746,
0.3254


 29.4133, 0.5618,
0.3584


 3.2833, 0.7127,
0.2873

 42.3983, 0.5371,
0.3615


 1.2814, 0.7679,
0.2321

 58.7331, 0.5164,
0.3628

 0.1267, 0.9355,
0.0645

 78.8021, 0.4988,
0.3631


 0.0000, 1.0000,
0.0000


 102.9897, 0.4838,
0.3628


 0.0000, 0.0000,
0.0000


 131.6802, 0.4710,

0.3622

 165.2581, 0.4598,
0.3614

 11.9551, 0.6259,
0.3413


 11.9551, 0.6259,
0.3413

 11.9561, 0.6258,
0.3413

 13.0174, 0.6011,
0.3470

 14.6000, 0.5662,
0.3513

 16.7692, 0.5245,
0.3528

 19.5761, 0.4815,
0.3518

 23.0659, 0.4412,
0.3491

■ 27.2799, 0.4056,
0.3453

■ 32.2558, 0.3754,
0.3411

■ 38.0289, 0.3503,
0.3369

■ 44.6323, 0.3297,
0.3328

Harmonies

Analogous

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



11.9551, 0.5771, 0.2622



11.9551, 0.6259, 0.3413



11.9551, 0.5593, 0.4407

Triad

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



11.9551, 0.6259, 0.3413



11.9551, 0.1739, 0.5682



11.9551, 0.1354, 0.1163

Complementary

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



11.9551, 0.6259, 0.3413



29.5896, 0.2111, 0.2799

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.



11.9551, 0.0874, 0.1266



11.9551, 0.6259, 0.3413



11.9551, 0.0964, 0.3270

Square

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



11.9551, 0.6259, 0.3413



11.9551, 0.2966, 0.6623



11.9551, 0.0744, 0.1818



11.9551, 0.2376, 0.1370

Rectangle

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



11.9551, 0.6259, 0.3413



11.9551, 0.4778, 0.5222



11.9551, 0.0744, 0.1818



11.9551, 0.1146, 0.1161

Sweetspot

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



11.9561, 0.6258, 0.3413



57.3181, 0.3768, 0.3413



13.6968, 0.3630, 0.1773



11.7198, 0.3891, 0.3431



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.9561, 0.6258, 0.3413



21.1984, 0.6277, 0.3398



25.5281, 0.4980, 0.4428



9.7642, 0.3285, 0.3326



7.9338, 0.6240, 0.3427



0.3861, 0.5846, 0.3740

Inverse Universe

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



29.5896, 0.2111, 0.2799



52.7083, 0.2109, 0.2790



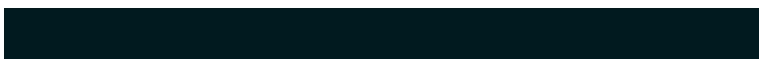
7.7577, 0.1644, 0.1119



10.5557, 0.2985, 0.3254



19.5413, 0.2113, 0.2806



0.8334, 0.2148, 0.2933

Previews

White Background



This preview shows how the Yxy color 11.9551, 0.6259, 0.3413 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 11.9551, 0.6259, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

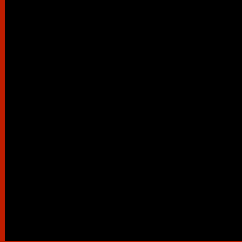
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9551, 0.6259, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 11.9551, 0.6259, 0.3413.



This preview shows how white text looks on a background with the Yxy color 11.9551, 0.6259, 0.3413.

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

11.9551, 0.6259, 0.3413

Protanopia

12.3691, 0.4266, 0.4719

Deuteranopia

12.2905, 0.4677, 0.4668



Tritanopia

11.9771, 0.6112, 0.3316

Trichromacy



Original Color

11.9551, 0.6259, 0.3413

Protanomaly

10.5075, 0.5208, 0.4099

Deuteranomaly

10.6762, 0.5460, 0.4047

Tritanomaly

11.9443, 0.6183, 0.3357

Monochromacy



Original Color

11.9551, 0.6259, 0.3413

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.0133, 0.4699, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9551, 0.6259, 0.3413 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(191, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 29, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.9551, 0.6259, 0.3413 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(191, 29, 0) }
```

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

```
.border{ border-color:rgb(191, 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(191, 29, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 29, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 29, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 29, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.9551, 0.6259, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 29, 0) }
```

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

```
.background{ background-color: rgb(191, 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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