

Converting Colors

$Y_{xy}(11.2803, 0.6193, 0.3243)$

Have a look what the booklet for
Yxy(11.2803, 0.6193, 0.3243)
contains.

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Color

Yxy(11.2803, 0.6193, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	BE0C19
RGB	190, 12, 25
RGB Percent	75%, 5%, 10%
CMY	0.2549, 0.9527, 0.9019
CMYK	0.00, 0.94, 0.87, 0.25
HSL	356°, 88%, 40%
HSV	356°, 94%, 75%
XYZ	21.5414, 11.2803, 1.9618
YIQ	66.7040, 101.9150, 41.7790

Conversions

Conversions Part 2

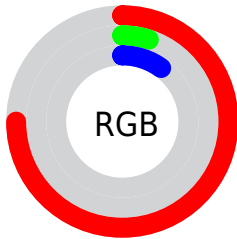
Format	Color
RYB	190, 12, 25
Decimal	12454937
CIELab	40.05, 63.26, 44.20
CIElCh	40, 77.172, 34.945
Yxy	11.2803, 0.6193, 0.3243
Android (android.graphics.Color)	4290645017 (0xFFBE0C19)
YUV	66.7040, -20.5601, 108.1306
Hunter-Lab	33.5862, 55.7103, 20.0471

Details

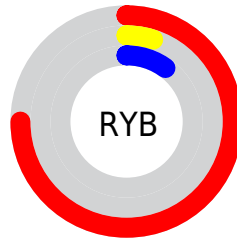
The Yxy color **11.2803, 0.6193, 0.3243** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **40.0797, 0.2314, 0.3499**, and the grayscale version is **5.5898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2119, 0.5508, 0.3406**, and **4.5120, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9778, 0.6325, 0.3258**, and if you desaturate by 10%, it is **12.1010, 0.5881, 0.3212**.

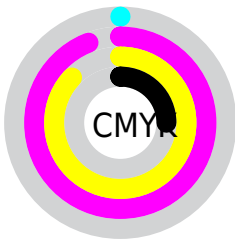
Distribution



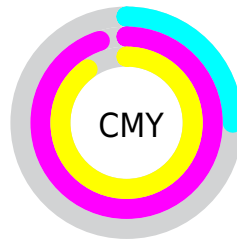
- Red (75%)
- Green (5%)
- Blue (10%)



- Red (75%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (94%)
- Yellow (87%)
- Black (25%)





- Cyan (25%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2803, 0.6193, 0.3243 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 11.2803, 0.6193, 0.3243 by changing the saturation by 10% instead.


 11.2803, 0.6193,
0.3243


 11.2803, 0.6193,
0.3243


199.5806, 0.4403,
0.3476

 6.2557, 0.6677,
0.3063


 28.1773, 0.5506,
0.3412


 3.0012, 0.7259,
0.2741

 40.8186, 0.5255,
0.3447


 1.1323, 0.7841,
0.2159

 56.7674, 0.5047,
0.3466

 0.0054, 0.9970,
0.0030

 76.4084, 0.4874,
0.3476


 0.0000, 1.0000,
0.0000


 100.1258, 0.4728,
0.3480

 0.0000, 0.0000,
0.0000

 128.3040, 0.4604,


0.3481


 161.3275, 0.4496,
0.3479


 11.2803, 0.6193,
0.3243


 11.2803, 0.6193,
0.3243


 10.9778, 0.6325,
0.3258

 12.1010, 0.5881,
0.3212

 13.5611, 0.5463,
0.3194

 15.7573, 0.5006,
0.3189

 18.7694, 0.4566,
0.3196

 22.6670, 0.4175,
0.3210

■ 27.5122, 0.3845,
0.3228

■ 33.3613, 0.3575,
0.3247

■ 40.2665, 0.3357,
0.3266

■ 48.2763, 0.3182,
0.3284

Harmonies

Analogous

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



11.2803, 0.5368, 0.2465



11.2803, 0.6193, 0.3243



11.2803, 0.5817, 0.4183

Triad

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



11.2803, 0.6193, 0.3243



11.2803, 0.2059, 0.6036



11.2803, 0.1237, 0.1200

Complementary

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



11.2803, 0.6193, 0.3243



40.0797, 0.2314, 0.3499

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.



11.2803, 0.0855, 0.1391



11.2803, 0.6193, 0.3243



11.2803, 0.1145, 0.3801

Square

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



11.2803, 0.6193, 0.3243



11.2803, 0.3335, 0.6434



11.2803, 0.0804, 0.2104



11.2803, 0.2096, 0.1332

Rectangle

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



11.2803, 0.6193, 0.3243



11.2803, 0.5081, 0.4919



11.2803, 0.0804, 0.2104



11.2803, 0.1067, 0.1223

Sweetspot

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



11.2810, 0.6193, 0.3243



55.1397, 0.3698, 0.3237



13.1151, 0.3013, 0.1456



11.1263, 0.3821, 0.3229



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.



11.2810, 0.6193, 0.3243



19.8815, 0.6342, 0.3267



17.6602, 0.5505, 0.3945



9.5473, 0.3277, 0.3274



7.3046, 0.6309, 0.3249



0.2900, 0.5979, 0.3068

Inverse Universe

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



11.2810, 0.6193, 0.3243



19.8815, 0.6342, 0.3267



16.2530, 0.1890, 0.1959



9.5473, 0.3277, 0.3274



7.3046, 0.6309, 0.3249



0.2900, 0.5979, 0.3068

Previews

White Background



This preview shows how the Yxy color 11.2803, 0.6193, 0.3243 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 11.2803, 0.6193, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 11.2803, 0.6193, 0.3243.



This preview shows how white text looks on a background with the Yxy color 11.2803, 0.6193, 0.3243.

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

11.2803, 0.6193, 0.3243

Protanopia

11.6587, 0.4070, 0.4450

Deuteranopia

11.6197, 0.4705, 0.4646



Tritanopia

11.3480, 0.6334, 0.3353

Trichromacy



Original Color

11.2803, 0.6193, 0.3243

Protanomaly

9.2263, 0.5104, 0.3760

Deuteranomaly

9.6680, 0.5551, 0.3887

Tritanomaly

11.3085, 0.6297, 0.3319

Monochromacy



Original Color

11.2803, 0.6193, 0.3243

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.7257, 0.4632, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2803, 0.6193, 0.3243 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(190, 12, 25)` looks like.

```
.text, #text, p{  
    color:rgb(190, 12, 25)  
}
```

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(190, 12, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 12, 25) }
```

Border

The CSS property to change the border of an element to Yxy 11.2803, 0.6193, 0.3243 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(190, 12, 25) }
```

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

```
.border{ border-color:rgb(190, 12, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 12, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 12, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 12, 25);  
box-shadow:4px 4px 4px 4px rgb(190, 12,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2803, 0.6193, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 12, 25) }
```

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

```
.background{ background-color: rgb(190, 12,  
25) }
```

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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