

Converting Colors

$Yxy(11.3036, 0.5956, 0.3191)$

Have a look what the booklet for
Yxy(11.3036, 0.5956, 0.3191)
contains.

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Color

Yxy(11.3645, 0.5960, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	BB1827
RGB	187, 24, 39
RGB Percent	73%, 9%, 15%
CMY	0.2667, 0.9058, 0.8470
CMYK	0.00, 0.87, 0.79, 0.27
HSL	354°, 77%, 41%
HSV	354°, 87%, 73%
XYZ	21.1862, 11.3645, 2.9966
YIQ	74.4470, 92.3330, 39.2210

Conversions

Conversions Part 2

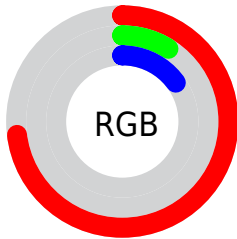
Format	Color
RYB	187, 24, 39
Decimal	12261415
CIELab	40.19, 60.97, 36.49
CIELCh	40, 71.059, 30.900
Yxy	11.3645, 0.5960, 0.3197
Android (android.graphics.Color)	4290451495 (0xFFBB1827)
YUV	74.4470, -17.4754, 98.7090
Hunter-Lab	33.7113, 53.1857, 18.3275

Details

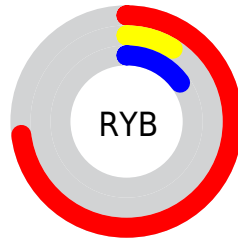
The Yxy color **11.3645, 0.5960, 0.3197** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38.7136, 0.2338, 0.3536**, and the grayscale version is **6.9531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4774, 0.5287, 0.3340**, and **4.3600, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.7381, 0.6238, 0.3237**, and if you desaturate by 10%, it is **12.5574, 0.5568, 0.3170**.

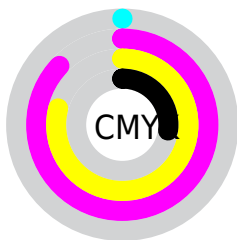
Distribution



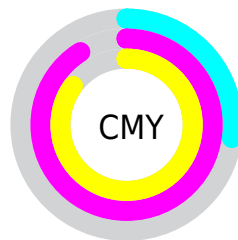
- Red (73%)
- Green (9%)
- Blue (15%)



- Red (73%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (87%)
- Yellow (79%)
- Black (27%)




- Cyan (27%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3645, 0.5960, 0.3197 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 11.3645, 0.5960, 0.3197 by changing the saturation by 10% instead.


 11.3645, 0.5960,
0.3197


 11.3645, 0.5960,
0.3197

200.1514, 0.4272,
0.3407


 6.3126, 0.6436,
0.3038


 28.3322, 0.5291,
0.3340


 3.0361, 0.7189,
0.2811

 41.0168, 0.5054,
0.3370


 1.1506, 0.7764,
0.2236

 57.0145, 0.4861,
0.3389

 0.0208, 0.9879,
0.0121

 76.7095, 0.4701,
0.3399


 0.0000, 1.0000,
0.0000

 100.4863, 0.4568,
0.3405

 0.0000, 0.0000,
0.0000


 128.7293, 0.4454,

0.3407


 161.8229, 0.4357,
0.3408


 11.3645, 0.5960,
0.3197

 11.3645, 0.5960,
0.3197


 10.7381, 0.6238,
0.3237

 12.5574, 0.5568,
0.3170

 10.6057, 0.6298,
0.3243

 14.4276, 0.5121,
0.3160

 17.0567, 0.4678,
0.3165

 20.5140, 0.4277,
0.3181

 24.8614, 0.3935,
0.3202

■ 30.1544, 0.3652,
0.3226

■ 36.4443, 0.3422,
0.3251

■ 43.7788, 0.3237,
0.3274

■ 52.2021, 0.3088,
0.3296

Harmonies

Analogous

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



11.3645, 0.5006, 0.2434



11.3645, 0.5960, 0.3197



11.3645, 0.5759, 0.4061

Triad

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



11.3645, 0.5960, 0.3197



11.3645, 0.2326, 0.5950



11.3645, 0.1262, 0.1310

Complementary

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



11.3645, 0.5960, 0.3197



38.7136, 0.2338, 0.3536

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.



11.3645, 0.0934, 0.1560



11.3645, 0.5960, 0.3197



11.3645, 0.1362, 0.4061

Square

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



11.3645, 0.5960, 0.3197



11.3645, 0.3565, 0.6122



11.3645, 0.0939, 0.2359



11.3645, 0.2023, 0.1397

Rectangle

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



11.3645, 0.5960, 0.3197



11.3645, 0.5213, 0.4787



11.3645, 0.0939, 0.2359



11.3645, 0.1113, 0.1350

Sweetspot

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



11.3652, 0.5960, 0.3197



54.7732, 0.3633, 0.3228



12.8662, 0.2991, 0.1479



11.2822, 0.3724, 0.3220



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.



11.3652, 0.5960, 0.3197



18.9805, 0.6318, 0.3254



17.8106, 0.5378, 0.3951



9.5502, 0.3274, 0.3269



7.3124, 0.6281, 0.3234



0.2913, 0.5880, 0.3013

Inverse Universe

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



11.3652, 0.5960, 0.3197



18.9805, 0.6318, 0.3254



17.6540, 0.1950, 0.2114



9.5502, 0.3274, 0.3269



7.3124, 0.6281, 0.3234



0.2913, 0.5880, 0.3013

Previews

White Background



This preview shows how the Yxy color 11.3645, 0.5960, 0.3197 looks on a white background.

Color Contrast Check

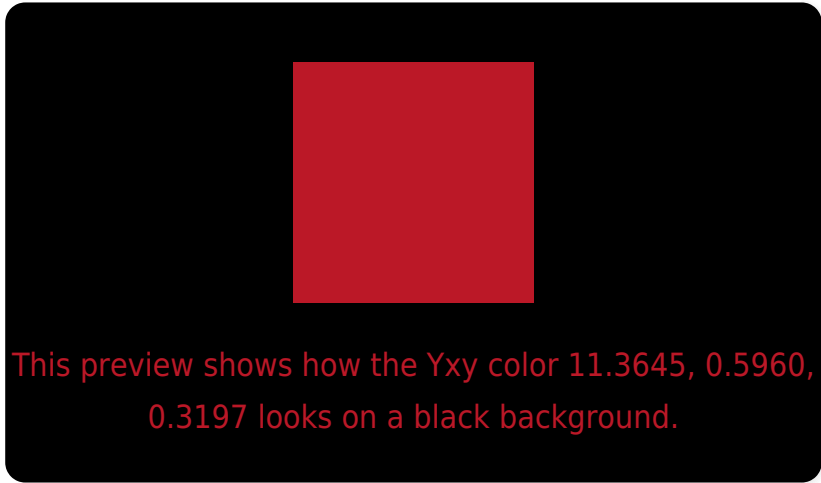
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3645, 0.5960, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 11.3645, 0.5960, 0.3197.



This preview shows how white text looks on a background with the Yxy color 11.3645, 0.5960, 0.3197.

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

11.3645, 0.5960, 0.3197

Protanopia

11.6745, 0.3829, 0.4149

Deuteranopia

11.6217, 0.4538, 0.4464



Tritanopia

11.4146, 0.6115, 0.3316

Trichromacy



Original Color

11.3645, 0.5960, 0.3197

Protanomaly

9.7702, 0.4752, 0.3633

Deuteranomaly

10.1330, 0.5241, 0.3812

Tritanomaly

11.3923, 0.6072, 0.3281

Monochromacy



Original Color

11.3645, 0.5960, 0.3197

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

6.8101, 0.4363, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3645, 0.5960, 0.3197 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(187, 24, 39)` looks like.

```
.text, #text, p{  
    color:rgb(187, 24, 39)  
}
```

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(187, 24, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 24, 39) }
```

Border

The CSS property to change the border of an element to Yxy 11.3645, 0.5960, 0.3197 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(187, 24, 39) }
```

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

```
.border{ border-color:rgb(187, 24, 39) }
```

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

Here you see how a box with a 4 pixel rgb(187, 24, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 24, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 24, 39);  
box-shadow:4px 4px 4px 4px rgb(187, 24,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3645, 0.5960, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 24, 39) }
```

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

```
.background{ background-color: rgb(187, 24,  
39) }
```

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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