

Converting Colors

$Y_{xy}(11.1123, 0.6095, 0.3216)$

Have a look what the booklet for
Yxy(11.1123, 0.6095, 0.3216)
contains.

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Color

Yxy(11.0397, 0.6092, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	BB1020
RGB	187, 16, 32
RGB Percent	73%, 6%, 13%
CMY	0.2667, 0.9370, 0.8746
CMYK	0.00, 0.91, 0.83, 0.27
HSL	354°, 84%, 40%
HSV	354°, 91%, 73%
XYZ	20.9383, 11.0397, 2.3922
YIQ	68.9530, 96.7800, 41.2280

Conversions

Conversions Part 2

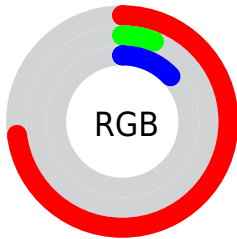
Format	Color
R_{YB}	187, 16, 32
Decimal	12259360
CIE Lab	39.65, 62.12, 39.93
CIE LCh	40, 73.842, 32.733
Yxy	11.0397, 0.6092, 0.3212
Android (android.graphics.Color)	4290449440 (0xFFBB1020)
YUV	68.9530, -18.2178, 103.5272
Hunter-Lab	33.2260, 54.3411, 18.9895

Details

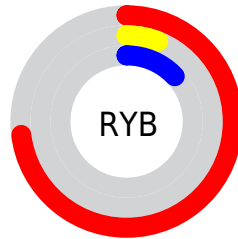
The Yxy color **11.0397, 0.6092, 0.3212** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38.5917, 0.2333, 0.3553**, and the grayscale version is **5.9663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7006, 0.5409, 0.3371**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.6058, 0.6296, 0.3242**, and if you desaturate by 10%, it is **11.9729, 0.5743, 0.3177**.

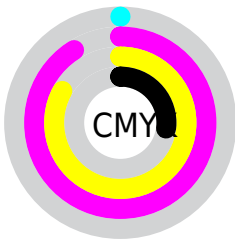
Distribution



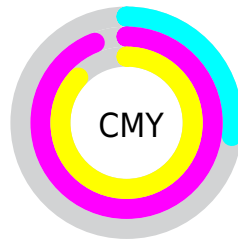
- Red (73%)
- Green (6%)
- Blue (13%)



- Red (73%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (83%)
- Black (27%)





- Cyan (27%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0397, 0.6092, 0.3212 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 11.0397, 0.6092, 0.3212 by changing the saturation by 10% instead.


 11.0397, 0.6092,
0.3212


 11.0397, 0.6092,
0.3212


197.9397, 0.4336,
0.3437


 6.0935, 0.6574,
0.3037

 27.7336, 0.5404,
0.3370


 2.9020, 0.7247,
0.2753

 40.2500, 0.5158,
0.3403


 1.0808, 0.7836,
0.2164

 56.0588, 0.4956,
0.3422

 0.0000, 1.0000,
0.0000


 75.5441, 0.4788,
0.3433


 0.0000, 0.0000,
0.0000

 99.0905, 0.4648,
0.3438

 127.0823, 0.4528,


0.3440


 159.9039, 0.4425,
0.3439

 11.0397, 0.6092,
0.3212

 11.0397, 0.6092,
0.3212


 10.6058, 0.6296,
0.3242

 11.9729, 0.5743,
0.3177

 13.5439, 0.5311,
0.3160

 15.8408, 0.4861,
0.3159

 18.9373, 0.4440,
0.3171

 22.8982, 0.4072,
0.3191

■ 27.7814, 0.3764,
0.3215

■ 33.6400, 0.3513,
0.3240

■ 40.5230, 0.3311,
0.3264

■ 48.4760, 0.3147,
0.3287

Harmonies

Analogous

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



11.0397, 0.5185, 0.2440



11.0397, 0.6092, 0.3212



11.0397, 0.5813, 0.4116

Triad

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



11.0397, 0.6092, 0.3212



11.0397, 0.2195, 0.6025



11.0397, 0.1238, 0.1247

Complementary

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



11.0397, 0.6092, 0.3212



38.5917, 0.2333, 0.3553

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.



11.0397, 0.0885, 0.1470



11.0397, 0.6092, 0.3212



11.0397, 0.1248, 0.3954

Square

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



11.0397, 0.6092, 0.3212



11.0397, 0.3462, 0.6289



11.0397, 0.0863, 0.2233



11.0397, 0.2045, 0.1356

Rectangle

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



11.0397, 0.6092, 0.3212



11.0397, 0.5159, 0.4841



11.0397, 0.0863, 0.2233



11.0397, 0.1080, 0.1280

Sweetspot

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



11.0404, 0.6092, 0.3212



53.7198, 0.3658, 0.3225



12.4947, 0.2980, 0.1448



11.0751, 0.3749, 0.3216



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.



11.0404, 0.6092, 0.3212



18.9816, 0.6317, 0.3253



17.0093, 0.5492, 0.3926



9.5504, 0.3274, 0.3269



7.3130, 0.6279, 0.3233



0.2914, 0.5874, 0.3009

Inverse Universe

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



11.0404, 0.6092, 0.3212



18.9816, 0.6317, 0.3253



16.8012, 0.1920, 0.2050



9.5504, 0.3274, 0.3269



7.3130, 0.6279, 0.3233



0.2914, 0.5874, 0.3009

Previews

White Background



This preview shows how the Yxy color 11.0397, 0.6092, 0.3212 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 11.0397, 0.6092, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 11.0397, 0.6092, 0.3212.



This preview shows how white text looks on a background with the Yxy color 11.0397, 0.6092, 0.3212.

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

11.0397, 0.6092, 0.3212

Protanopia

11.4180, 0.3948, 0.4296

Deuteranopia

11.3345, 0.4632, 0.4575



Tritanopia

11.0942, 0.6244, 0.3328

Trichromacy



Original Color

11.0397, 0.6092, 0.3212

Protanomaly

9.2217, 0.4948, 0.3687

Deuteranomaly

9.5348, 0.5419, 0.3855

Tritanomaly

11.0810, 0.6200, 0.3294

Monochromacy



Original Color

11.0397, 0.6092, 0.3212

Achromatopsia

5.9511, 0.3127, 0.3290

Achromatomaly

6.0115, 0.4493, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0397, 0.6092, 0.3212 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, 16, 32)` looks like.

```
.text, #text, p{  
  color:rgb(187, 16, 32)  
}
```

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, 16, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 16, 32) }
```

Border

The CSS property to change the border of an element to Yxy 11.0397, 0.6092, 0.3212 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, 16, 32) }
```

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

```
.border{ border-color:rgb(187, 16, 32) }
```

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

Here you see how a box with a 4 pixel rgb(187, 16, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 16, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 16, 32);  
box-shadow:4px 4px 4px 4px rgb(187, 16,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0397, 0.6092, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 16, 32) }
```

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

```
.background{ background-color: rgb(187, 16,  
32) }
```

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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