

Converting Colors

$Yxy(10.5903, 0.6334, 0.3263)$

Have a look what the booklet for
Yxy(10.5903, 0.6334, 0.3263)
contains.

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Color

Yxy(10.5913, 0.6334, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	BB000C
RGB	187, 0, 12
RGB Percent	73%, 0%, 5%
CMY	0.2667, 0.9998, 0.9530
CMYK	0.00, 1.00, 0.94, 0.27
HSL	356°, 100%, 37%
HSV	356°, 100%, 73%
XYZ	20.5594, 10.5913, 1.3081
YIQ	57.2810, 107.6000, 43.3760

Conversions

Conversions Part 2

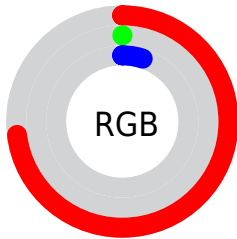
Format	Color
RYB	187, 0, 12
Decimal	12255244
CIELab	38.88, 63.58, 48.82
CIElCh	39, 80.158, 37.521
Yxy	10.5913, 0.6334, 0.3263
Android (android.graphics.Color)	4290445324 (0xFFBB000C)
YUV	57.2810, -22.3235, 113.7636
Hunter-Lab	32.5443, 55.8124, 20.3979

Details

The Yxy color **10.5913, 0.6334, 0.3263** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **38.6372, 0.2302, 0.3485**, and the grayscale version is **4.1534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8961, 0.5640, 0.3458**, and **4.2110, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.5908, 0.6334, 0.3263**, and if you desaturate by 10%, it is **11.1128, 0.6108, 0.3240**.

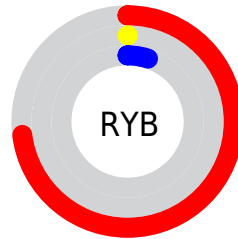
Distribution



Red (73%)

Green (0%)

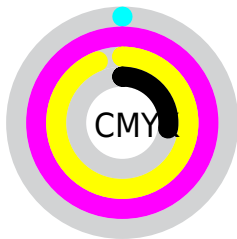
Blue (5%)



Red (73%)

Yellow (0%)

Blue (5%)

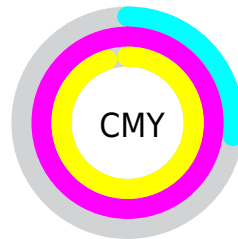


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5913, 0.6334, 0.3263 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 10.5913, 0.6334, 0.3263 by changing the saturation by 10% instead.


 10.5913, 0.6334,
0.3263


 10.5913, 0.6334,
0.3263


 194.8417, 0.4479,
0.3523


 5.7927, 0.6878,
0.3085

 26.9019, 0.5637,
0.3458


 2.7195, 0.7325,
0.2675

 39.1827, 0.5376,
0.3497

 0.9871, 0.7934,
0.2066

 54.7264, 0.5159,
0.3518

 0.0000, 1.0000,
0.0000


 73.9174, 0.4977,
0.3528


 0.0000, 0.0000,
0.0000


 97.1400, 0.4823,
0.3532

 124.7786, 0.4691,


0.3531


 157.2178, 0.4578,
0.3528


 10.5913, 0.6334,
0.3263


 10.5913, 0.6334,
0.3263


 10.5908, 0.6334,
0.3263

 11.1128, 0.6108,
0.3240

 12.1208, 0.5753,
0.3216

 13.7830, 0.5313,
0.3204

 16.1851, 0.4854,
0.3204

 19.4001, 0.4426,
0.3212

■ 23.4920, 0.4054,
0.3225

■ 28.5184, 0.3744,
0.3242

■ 34.5322, 0.3492,
0.3258

■ 41.5821, 0.3290,
0.3275

Harmonies

Analogous

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



10.5913, 0.5621, 0.2480



10.5913, 0.6334, 0.3263



10.5913, 0.5780, 0.4220

Triad

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



10.5913, 0.6334, 0.3263



10.5913, 0.1873, 0.6081



10.5913, 0.1221, 0.1128

Complementary

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



10.5913, 0.6334, 0.3263



38.6372, 0.2302, 0.3485

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.



10.5913, 0.0804, 0.1283



10.5913, 0.6334, 0.3263



10.5913, 0.1005, 0.3609

Square

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



10.5913, 0.6334, 0.3263



10.5913, 0.3172, 0.6676



10.5913, 0.0720, 0.1936



10.5913, 0.2151, 0.1289

Rectangle

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



10.5913, 0.6334, 0.3263



10.5913, 0.4982, 0.5018



10.5913, 0.0720, 0.1936



10.5913, 0.1038, 0.1141

Sweetspot

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



10.5920, 0.6334, 0.3263



50.5763, 0.3759, 0.3241



12.6489, 0.3042, 0.1450



10.2598, 0.3884, 0.3234



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.



10.5920, 0.6334, 0.3263



18.9574, 0.6350, 0.3272



16.4582, 0.5602, 0.3934



9.5460, 0.3279, 0.3276



7.3014, 0.6320, 0.3255



0.2894, 0.6027, 0.3094

Inverse Universe

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



10.5920, 0.6334, 0.3263



18.9574, 0.6350, 0.3272



13.8932, 0.1835, 0.1805



9.5460, 0.3279, 0.3276



7.3014, 0.6320, 0.3255



0.2894, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 10.5913, 0.6334, 0.3263 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 10.5913, 0.6334, 0.3263 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 10.5913, 0.6334, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 10.5913, 0.6334, 0.3263.



This preview shows how white text looks on a background with the Yxy color 10.5913, 0.6334, 0.3263.

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

10.5913, 0.6334, 0.3263

Protanopia

11.3373, 0.4203, 0.4645

Deuteranopia

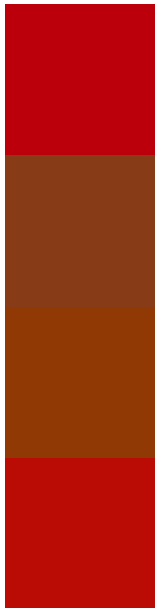
11.2343, 0.4679, 0.4667



Tritanopia

10.8400, 0.6330, 0.3356

Trichromacy



Original Color

10.5913, 0.6334, 0.3263

Protanomaly

8.4445, 0.5340, 0.3834

Deuteranomaly

8.8643, 0.5648, 0.3855

Tritanomaly

10.6872, 0.6336, 0.3321

Monochromacy



Original Color

10.5913, 0.6334, 0.3263

Achromatopsia

4.0915, 0.3127, 0.3290

Achromatomaly

4.3649, 0.4923, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5913, 0.6334, 0.3263 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, 0, 12)` looks like.

```
.text, #text, p{  
  color:rgb(187, 0, 12)  
}
```

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, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 12) }
```

Border

The CSS property to change the border of an element to Yxy 10.5913, 0.6334, 0.3263 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, 0, 12) }
```

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

```
.border{ border-color:rgb(187, 0, 12) }
```

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

Here you see how a box with a 4 pixel rgb(187, 0, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(187, 0, 12)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5913, 0.6334, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 0, 12) }
```

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

```
.background{ background-color: rgb(187, 0,  
12) }
```

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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