

Converting Colors

$Y_{xy}(10.4865, 0.6328, 0.3260)$

Have a look what the booklet for
Yxy(10.4865, 0.6328, 0.3260)
contains.

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Color

Yxy(10.4682, 0.6327, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	BA000D
RGB	186, 0, 13
RGB Percent	73%, 0%, 5%
CMY	0.2706, 0.9999, 0.9491
CMYK	0.00, 1.00, 0.93, 0.27
HSL	356°, 100%, 36%
HSV	356°, 100%, 73%
XYZ	20.3229, 10.4682, 1.3298
YIQ	57.0960, 106.6830, 43.4750

Conversions

Conversions Part 2

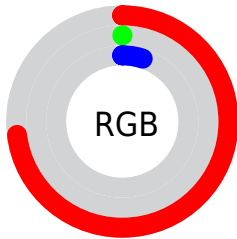
Format	Color
RYB	186, 0, 13
Decimal	12189709
CIELab	38.67, 63.34, 48.20
CIElCh	39, 79.595, 37.270
Yxy	10.4682, 0.6327, 0.3259
Android (android.graphics.Color)	4290379789 (0xFFBA000D)
YUV	57.0960, -21.7393, 113.0488
Hunter-Lab	32.3546, 55.5006, 20.2113

Details

The Yxy color **10.4682, 0.6327, 0.3259** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **38.1374, 0.2307, 0.3504**, and the grayscale version is **4.1249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7203, 0.5626, 0.3452**, and **4.1376, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.4684, 0.6327, 0.3259**, and if you desaturate by 10%, it is **10.9876, 0.6096, 0.3234**.

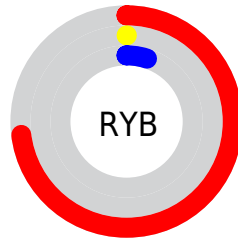
Distribution



Red (73%)

Green (0%)

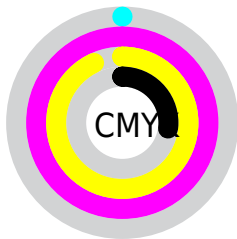
Blue (5%)



Red (73%)

Yellow (0%)

Blue (5%)

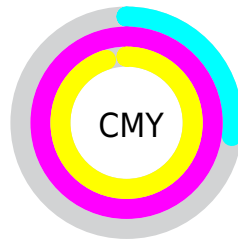


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4682, 0.6327, 0.3259 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 10.4682, 0.6327, 0.3259 by changing the saturation by 10% instead.


 10.4682, 0.6327,
0.3259

 10.4682, 0.6327,
0.3259


 193.9818, 0.4470,
0.3518


 5.7105, 0.6873,
0.3081

 26.6725, 0.5626,
0.3453


 2.6698, 0.7329,
0.2671

 38.8878, 0.5365,
0.3492


 0.9619, 0.7943,
0.2057

 54.3579, 0.5148,
0.3513

 0.0000, 1.0000,
0.0000

 73.4670, 0.4966,
0.3523


 0.0000, 0.0000,
0.0000


 96.5995, 0.4813,
0.3527


 124.1399, 0.4682,

0.3526

 156.4725, 0.4569,
0.3523

 10.4682, 0.6327,
0.3259


 10.4682, 0.6327,
0.3259


 10.4684, 0.6327,
0.3259

 10.9876, 0.6096,
0.3234

 11.9864, 0.5739,
0.3208

 13.6308, 0.5299,
0.3195

 16.0056, 0.4842,
0.3195

 19.1823, 0.4417,
0.3204

■ 23.2241, 0.4048,
0.3219

■ 28.1879, 0.3741,
0.3237

■ 34.1257, 0.3490,
0.3255

■ 41.0856, 0.3289,
0.3273

Harmonies

Analogous

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



10.4682, 0.5602, 0.2477



10.4682, 0.6327, 0.3259



10.4682, 0.5786, 0.4214

Triad

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



10.4682, 0.6327, 0.3259



10.4682, 0.1888, 0.6086



10.4682, 0.1220, 0.1132

Complementary

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



10.4682, 0.6327, 0.3259



38.1374, 0.2307, 0.3504

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.



10.4682, 0.0806, 0.1290



10.4682, 0.6327, 0.3259



10.4682, 0.1014, 0.3629

Square

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



10.4682, 0.6327, 0.3259



10.4682, 0.3188, 0.6664



10.4682, 0.0724, 0.1949



10.4682, 0.2143, 0.1290

Rectangle

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



10.4682, 0.6327, 0.3259



10.4682, 0.4993, 0.5007



10.4682, 0.0724, 0.1949



10.4682, 0.1037, 0.1146

Sweetspot

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



10.4689, 0.6327, 0.3259



50.5930, 0.3755, 0.3236



12.1480, 0.3001, 0.1427



10.2637, 0.3879, 0.3228



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.



10.4689, 0.6327, 0.3259



18.9617, 0.6344, 0.3269



15.8192, 0.5650, 0.3896



9.0221, 0.3277, 0.3274



7.0469, 0.6311, 0.3250



0.2519, 0.5975, 0.3065

Inverse Universe

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



10.4689, 0.6327, 0.3259



18.9617, 0.6344, 0.3269



14.3783, 0.1851, 0.1864



9.0221, 0.3277, 0.3274



7.0469, 0.6311, 0.3250



0.2519, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 10.4682, 0.6327, 0.3259 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 10.4682, 0.6327, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 10.4682, 0.6327, 0.3259.



This preview shows how white text looks on a background with the Yxy color 10.4682, 0.6327, 0.3259.

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

10.4682, 0.6327, 0.3259

Protanopia

11.1024, 0.4192, 0.4625

Deuteranopia

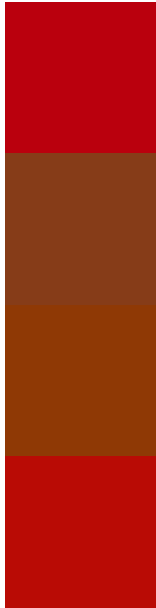
10.9963, 0.4683, 0.4663



Tritanopia

10.7152, 0.6330, 0.3356

Trichromacy



Original Color

10.4682, 0.6327, 0.3259

Protanomaly

8.3660, 0.5316, 0.3830

Deuteranomaly

8.7769, 0.5633, 0.3857

Tritanomaly

10.5646, 0.6330, 0.3318

Monochromacy



Original Color

10.4682, 0.6327, 0.3259

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 10.4682, 0.6327, 0.3259 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(186, 0, 13)` looks like.

```
.text, #text, p{  
  color:rgb(186, 0, 13)  
}
```

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(186, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 13) }
```

Border

The CSS property to change the border of an element to Yxy 10.4682, 0.6327, 0.3259 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(186, 0, 13) }
```

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

```
.border{ border-color:rgb(186, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 13);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 13)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.4682, 0.6327, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 13) }
```

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

```
.background{ background-color: rgb(186, 0,  
13) }
```

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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