

Converting Colors

$Yxy(10.6323, 0.6228, 0.3205)$

Have a look what the booklet for
Yxy(10.6323, 0.6228, 0.3205)
contains.

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Color

Yxy(10.6350, 0.6228, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	BB0019
RGB	187, 0, 25
RGB Percent	73%, 0%, 10%
CMY	0.2667, 0.9995, 0.9021
CMYK	0.00, 1.00, 0.87, 0.27
HSL	352°, 100%, 37%
HSV	352°, 100%, 73%
XYZ	20.6661, 10.6350, 1.8814
YIQ	58.7630, 103.4270, 47.4190

Conversions

Conversions Part 2

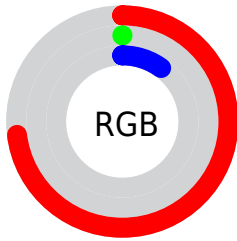
Format	Color
RYB	187, 0, 25
Decimal	12255257
CIELab	38.96, 63.77, 43.05
CIElCh	39, 76.941, 34.023
Yxy	10.6350, 0.6228, 0.3205
Android (android.graphics.Color)	4290445337 (0xFFBB0019)
YUV	58.7630, -16.6452, 112.4638
Hunter-Lab	32.6113, 56.0471, 19.4073

Details

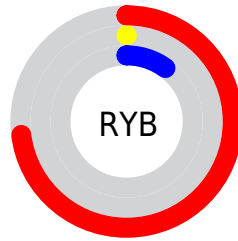
The Yxy color **10.6350, 0.6228, 0.3205** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38.1487, 0.2364, 0.3712**, and the grayscale version is **4.3616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8363, 0.5525, 0.3383**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.6325, 0.6229, 0.3205**, and if you desaturate by 10%, it is **11.1841, 0.5956, 0.3153**.

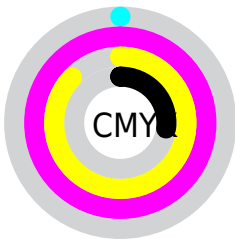
Distribution



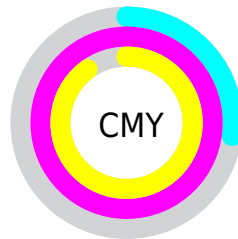
- Red (73%)
- Green (0%)
- Blue (10%)



- Red (73%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (27%)




- Cyan (27%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6350, 0.6228, 0.3205 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 10.6350, 0.6228, 0.3205 by changing the saturation by 10% instead.


 10.6350, 0.6228,
0.3205


 10.6350, 0.6228,
0.3205


195.1460, 0.4402,
0.3461


 5.8220, 0.6733,
0.3017

 26.9832, 0.5522,
0.3385


 2.7371, 0.7326,
0.2674

 39.2872, 0.5266,
0.3423


 0.9961, 0.7934,
0.2066

 54.8569, 0.5054,
0.3444

 0.0000, 1.0000,
0.0000


 74.0768, 0.4879,
0.3456


 0.0000, 0.0000,
0.0000


 97.3313, 0.4731,
0.3461


 125.0047, 0.4605,


0.3463


 157.4815, 0.4496,
0.3463


 10.6350, 0.6228,
0.3205

 10.6350, 0.6228,
0.3205


 10.6325, 0.6229,
0.3205

 11.1841, 0.5956,
0.3153

 12.2182, 0.5582,
0.3112

 13.9019, 0.5152,
0.3095

 16.3194, 0.4719,
0.3101

 19.5420, 0.4323,
0.3122

■ 23.6327, 0.3982,
0.3153

■ 28.6481, 0.3697,
0.3188

■ 34.6401, 0.3465,
0.3223

■ 41.6567, 0.3278,
0.3258

Harmonies

Analogous

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



10.6350, 0.5355, 0.2428



10.6350, 0.6228, 0.3205



10.6350, 0.5862, 0.4138

Triad

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



10.6350, 0.6228, 0.3205



10.6350, 0.2071, 0.6140



10.6350, 0.1200, 0.1180

Complementary

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



10.6350, 0.6228, 0.3205



38.1487, 0.2364, 0.3712

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.



10.6350, 0.0829, 0.1382



10.6350, 0.6228, 0.3205



10.6350, 0.1138, 0.3877

Square

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



10.6350, 0.6228, 0.3205



10.6350, 0.3375, 0.6480



10.6350, 0.0786, 0.2119



10.6350, 0.2046, 0.1304

Rectangle

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



10.6350, 0.6228, 0.3205



10.6350, 0.5122, 0.4878



10.6350, 0.0786, 0.2119



10.6350, 0.1034, 0.1207

Sweetspot

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



10.6357, 0.6228, 0.3205



50.7761, 0.3712, 0.3186



11.2787, 0.2875, 0.1357



10.3066, 0.3827, 0.3171



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.



10.6357, 0.6228, 0.3205



19.0269, 0.6255, 0.3219



14.7754, 0.5789, 0.3785



9.5565, 0.3268, 0.3260



7.3335, 0.6208, 0.3193



0.2940, 0.5682, 0.2904

Inverse Universe

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



10.6357, 0.6228, 0.3205



19.0269, 0.6255, 0.3219



16.6559, 0.1901, 0.2042



9.5565, 0.3268, 0.3260



7.3335, 0.6208, 0.3193



0.2940, 0.5682, 0.2904

Previews

White Background



This preview shows how the Yxy color 10.6350, 0.6228, 0.3205 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 10.6350, 0.6228, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 10.6350, 0.6228, 0.3205.



This preview shows how white text looks on a background with the Yxy color 10.6350, 0.6228, 0.3205.

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

10.6350, 0.6228, 0.3205

Protanopia

11.3548, 0.4049, 0.4448

Deuteranopia

11.2343, 0.4679, 0.4667



Tritanopia

10.8400, 0.6330, 0.3356

Trichromacy



Original Color

10.6350, 0.6228, 0.3205

Protanomaly

8.6158, 0.5142, 0.3698

Deuteranomaly

8.8753, 0.5616, 0.3830

Tritanomaly

10.6982, 0.6309, 0.3306

Monochromacy



Original Color

10.6350, 0.6228, 0.3205

Achromatopsia

4.3735, 0.3127, 0.3290

Achromatomaly

4.6556, 0.4761, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6350, 0.6228, 0.3205 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(187, 0, 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(187, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 25) }
```

Border

The CSS property to change the border of an element to Yxy 10.6350, 0.6228, 0.3205 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, 25) }
```

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

```
.border{ border-color:rgb(187, 0, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(187, 0, 25)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6350, 0.6228, 0.3205 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, 25) }
```

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

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