

Converting Colors

$Yxy(5.9577, 0.5758, 0.1842)$

Have a look what the booklet for
Yxy(5.9577, 0.5758, 0.1842)
contains.

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Color

Yxy(10.6465, 0.5223, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	B70050
RGB	183, 0, 80
RGB Percent	72%, 0%, 31%
CMY	0.2824, 0.9998, 0.6863
CMYK	0.00, 1.00, 0.56, 0.28
HSL	334°, 100%, 36%
HSV	334°, 100%, 72%
XYZ	20.9757, 10.6465, 8.5381
YIQ	63.8370, 83.3880, 63.6760

Conversions

Conversions Part 2

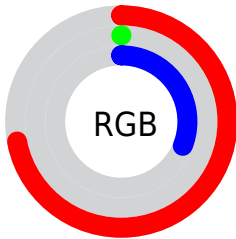
Format	Color
R_{YB}	183, 0, 80
Decimal	11993168
CIE _{Lab}	38.98, 65.18, 9.19
CIE _{LCh}	39, 65.822, 8.022
Yxy	10.6465, 0.5223, 0.2651
Android (android.graphics.Color)	4290183248 (0xFFB70050)
YUV	63.8370, 7.9684, 104.5060
Hunter-Lab	32.6290, 57.6491, 7.3258

Details

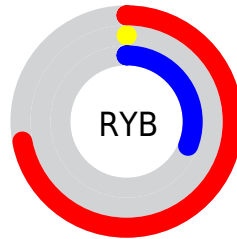
The Yxy color **10.6465, 0.5223, 0.2651** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **34.8462, 0.2663, 0.4788**, and the grayscale version is **5.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0320, 0.4684, 0.2836**, and **4.3383, 0.5702, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **10.6455, 0.5224, 0.2651**, and if you desaturate by 10%, it is **11.2543, 0.4952, 0.2579**.

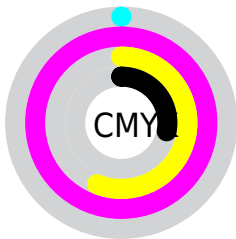
Distribution



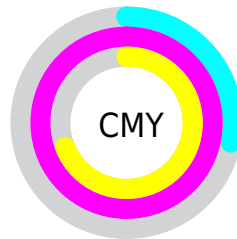
- Red (72%)
- Green (0%)
- Blue (31%)



- Red (72%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (28%)




- Cyan (28%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6465, 0.5223, 0.2651 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 10.6465, 0.5223, 0.2651 by changing the saturation by 10% instead.


 10.6465, 0.5223,
0.2651


 10.6465, 0.5223,
0.2651


195.2260, 0.3935,
0.3074


 5.8297, 0.5650,
0.2492

 27.0046, 0.4683,
0.2839


 2.7418, 0.6267,
0.2244

 39.3147, 0.4503,
0.2898


 0.9985, 0.7319,
0.1861

 54.8913, 0.4359,
0.2944

 0.0000, 1.0000,
0.0000

 74.1188, 0.4243,
0.2981

 0.0000, 0.0000,
0.0000

 97.3816, 0.4146,
0.3011

 125.0642, 0.4064,

0.3036

157.5508, 0.3995,
0.3056

■ 10.6465, 0.5223,
0.2651

■ 10.6465, 0.5223,
0.2651

■ 10.6455, 0.5224,
0.2651

■ 11.2543, 0.4952,
0.2579

■ 12.3003, 0.4669,
0.2552

■ 13.9404, 0.4387,
0.2575

■ 16.2508, 0.4122,
0.2638

■ 19.2964, 0.3884,
0.2730

■ 23.1342, 0.3676,
0.2839

■ 27.8157, 0.3499,
0.2954

■ 33.3877, 0.3351,
0.3071

■ 39.8938, 0.3228,
0.3184

Harmonies

Analogous

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



10.6465, 0.3730, 0.1973



10.6465, 0.5223, 0.2651



10.6465, 0.5883, 0.3419

Triad

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



10.6465, 0.5223, 0.2651



10.6465, 0.3296, 0.6088



10.6465, 0.1049, 0.1533

Complementary

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



10.6465, 0.5223, 0.2651



34.8462, 0.2663, 0.4788

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.



10.6465, 0.0980, 0.2164



10.6465, 0.5223, 0.2651



10.6465, 0.2125, 0.5463

Square

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



10.6465, 0.5223, 0.2651



10.6465, 0.4545, 0.5384



10.6465, 0.1294, 0.3572



10.6465, 0.1460, 0.1370

Rectangle

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



10.6465, 0.5223, 0.2651



10.6465, 0.5717, 0.3985



10.6465, 0.1294, 0.3572



10.6465, 0.0990, 0.1678

Sweetspot

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



10.6471, 0.5223, 0.2651



49.3401, 0.3508, 0.2948



6.1678, 0.2125, 0.0944



10.0852, 0.3579, 0.2899



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6471, 0.5223, 0.2651



19.0223, 0.5263, 0.2673



10.2667, 0.6364, 0.3329



9.0757, 0.3221, 0.3191



7.4401, 0.5195, 0.2635



0.2748, 0.4556, 0.2284

Inverse Universe

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



10.6471, 0.5223, 0.2651



19.0223, 0.5263, 0.2673



33.6330, 0.2204, 0.3134



9.0757, 0.3221, 0.3191



7.4401, 0.5195, 0.2635



0.2748, 0.4556, 0.2284

Previews

White Background



This preview shows how the Yxy color 10.6465, 0.5223, 0.2651 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 10.6465, 0.5223, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

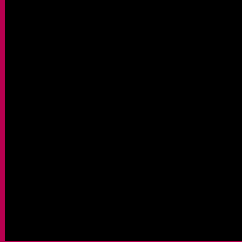
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.6465, 0.5223, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 10.6465, 0.5223, 0.2651.



This preview shows how white text looks on a background with the Yxy color 10.6465, 0.5223, 0.2651.

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

10.6465, 0.5223, 0.2651

Protanopia

11.3902, 0.2764, 0.2792

Deuteranopia

11.3296, 0.3758, 0.3713



Tritanopia

10.9557, 0.5980, 0.3306

Trichromacy



Original Color

10.6465, 0.5223, 0.2651

Protanomaly

8.4219, 0.3549, 0.2443

Deuteranomaly

8.8525, 0.4422, 0.2988

Tritanomaly

10.6671, 0.5797, 0.3077

Monochromacy



Original Color

10.6465, 0.5223, 0.2651

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.1539, 0.4086, 0.2645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6465, 0.5223, 0.2651 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(183, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(183, 0, 80)  
}
```

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(183, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 0, 80) }
```

Border

The CSS property to change the border of an element to Yxy 10.6465, 0.5223, 0.2651 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(183, 0, 80) }
```

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

```
.border{ border-color:rgb(183, 0, 80) }
```

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

Here you see how a box with a 4 pixel rgb(183, 0, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 0, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 0, 80);  
box-shadow:4px 4px 4px 4px rgb(183, 0, 80)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6465, 0.5223, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 0, 80) }
```

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

```
.background{ background-color: rgb(183, 0,  
80) }
```

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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