

Converting Colors

$Yxy(11.8645, 0.5315, 0.2713)$

Have a look what the booklet for
Yxy(11.8645, 0.5315, 0.2713)
contains.

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Color

Yxy(11.8508, 0.5310, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	C00350
RGB	192, 3, 80
RGB Percent	75%, 1%, 31%
CMY	0.2470, 0.9883, 0.6862
CMYK	0.00, 0.98, 0.58, 0.25
HSL	336°, 97%, 38%
HSV	336°, 98%, 75%
XYZ	23.2206, 11.8508, 8.6585
YIQ	68.2890, 87.9270, 64.0150

Conversions

Conversions Part 2

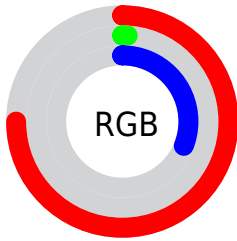
Format	Color
RYB	192, 3, 80
Decimal	12583760
CIELab	40.98, 66.98, 12.23
CIELCh	41, 68.084, 10.351
Yxy	11.8508, 0.5310, 0.2710
Android (android.graphics.Color)	4290773840 (0xFFC00350)
YUV	68.2890, 5.7735, 108.4945
Hunter-Lab	34.4250, 60.1593, 9.1850

Details

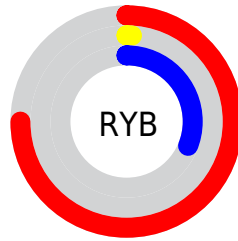
The Yxy color **11.8508, 0.5310, 0.2710** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **38.9575, 0.2632, 0.4665**, and the grayscale version is **5.8088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1528, 0.4756, 0.2884**, and **4.9527, 0.5780, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **11.7609, 0.5354, 0.2723**, and if you desaturate by 10%, it is **12.5504, 0.5025, 0.2635**.

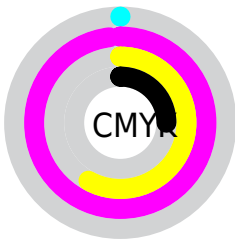
Distribution



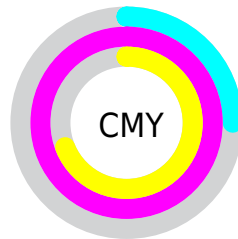
- Red (75%)
- Green (1%)
- Blue (31%)



- Red (75%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (58%)
- Black (25%)




- Cyan (25%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8508, 0.5310, 0.2710 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 11.8508, 0.5310, 0.2710 by changing the saturation by 10% instead.


 11.8508, 0.5310,
0.2710


 11.8508, 0.5310,
0.2710

203.4150, 0.3986,
0.3102


 6.6422, 0.5734,
0.2560


 29.2231, 0.4762,
0.2886


 3.2393, 0.6336,
0.2327

 42.1555, 0.4578,
0.2941

 1.2579, 0.7306,
0.1964

 58.4313, 0.4429,
0.2984

 0.1083, 0.9508,
0.0492

 78.4349, 0.4308,
0.3018

 0.0000, 1.0000,
0.0000

 102.5507, 0.4207,
0.3045

 0.0000, 0.0000,
0.0000

 131.1630, 0.4122,

0.3067

164.6564, 0.4049,
0.3086

■ 11.8508, 0.5310,
0.2710

■ 11.8508, 0.5310,
0.2710

■ 11.7609, 0.5354,
0.2723

■ 12.5504, 0.5025,
0.2635

■ 13.7947, 0.4723,
0.2608

■ 15.7191, 0.4423,
0.2630

■ 18.4076, 0.4143,
0.2692

■ 21.9320, 0.3893,
0.2780

■ 26.3554, 0.3677,
0.2883

■ 31.7353, 0.3494,
0.2992

■ 38.1238, 0.3342,
0.3101

■ 45.5697, 0.3216,
0.3206

Harmonies

Analogous

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



11.8508, 0.3853, 0.2021



11.8508, 0.5310, 0.2710



11.8508, 0.5882, 0.3482

Triad

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



11.8508, 0.5310, 0.2710



11.8508, 0.3203, 0.6100



11.8508, 0.1070, 0.1510

Complementary

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



11.8508, 0.5310, 0.2710



38.9575, 0.2632, 0.4665

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.



11.8508, 0.0976, 0.2093



11.8508, 0.5310, 0.2710



11.8508, 0.2046, 0.5334

Square

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



11.8508, 0.5310, 0.2710



11.8508, 0.4439, 0.5443



11.8508, 0.1255, 0.3432



11.8508, 0.1511, 0.1374

Rectangle

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



11.8508, 0.5310, 0.2710



11.8508, 0.5669, 0.4056



11.8508, 0.1255, 0.3432



11.8508, 0.1003, 0.1642

Sweetspot

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



11.8515, 0.5310, 0.2710



55.3696, 0.3528, 0.2970



7.3979, 0.2208, 0.0997



10.9764, 0.3605, 0.2923



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.8515, 0.5310, 0.2710



21.2620, 0.5393, 0.2744



11.6706, 0.6311, 0.3350



10.1444, 0.3226, 0.3197



7.9280, 0.5322, 0.2705



0.3562, 0.4739, 0.2384

Inverse Universe

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



11.8515, 0.5310, 0.2710



21.2620, 0.5393, 0.2744



34.9753, 0.2177, 0.3031



10.1444, 0.3226, 0.3197



7.9280, 0.5322, 0.2705



0.3562, 0.4739, 0.2384

Previews

White Background



This preview shows how the Yxy color 11.8508, 0.5310, 0.2710 looks on a white background.

Color Contrast Check

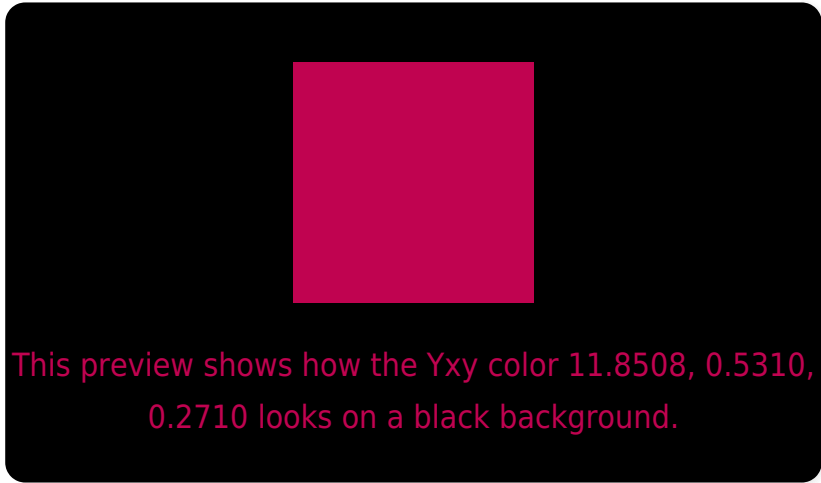
Large Text (above 18pt) WCAG AA ✓ Pass

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

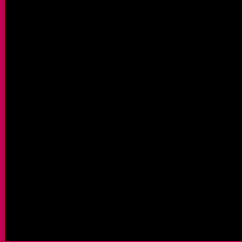
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8508, 0.5310, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 11.8508, 0.5310, 0.2710.



This preview shows how white text looks on a background with the Yxy color 11.8508, 0.5310, 0.2710.

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

11.8508, 0.5310, 0.2710

Protanopia

12.4526, 0.2838, 0.2874

Deuteranopia

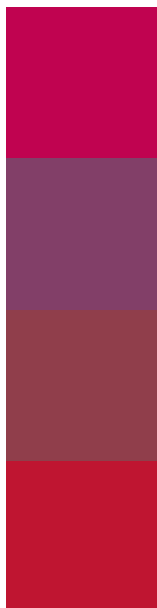
12.4342, 0.3829, 0.3779



Tritanopia

12.0791, 0.6019, 0.3305

Trichromacy



Original Color

11.8508, 0.5310, 0.2710

Protanomaly

9.3003, 0.3647, 0.2516

Deuteranomaly

9.8825, 0.4505, 0.3071

Tritanomaly

11.8344, 0.5846, 0.3102

Monochromacy



Original Color

11.8508, 0.5310, 0.2710

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

5.7800, 0.4142, 0.2696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8508, 0.5310, 0.2710 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(192, 3, 80)` looks like.

```
.text, #text, p{  
    color:rgb(192, 3, 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(192, 3, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 3, 80) }
```

Border

The CSS property to change the border of an element to Yxy 11.8508, 0.5310, 0.2710 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(192, 3, 80) }
```

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

```
.border{ border-color:rgb(192, 3, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 3, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 3, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 3, 80);  
box-shadow:4px 4px 4px 4px rgb(192, 3, 80)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.8508, 0.5310, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 3, 80) }
```

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

```
.background{ background-color: rgb(192, 3,  
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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