

Converting Colors

$Y_{xy}(11.0668, 0.5645, 0.3189)$

Have a look what the booklet for
Yxy(11.0668, 0.5645, 0.3189)
contains.

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Color

Yxy(11.0730, 0.5652, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	B22631
RGB	178, 38, 49
RGB Percent	70%, 15%, 19%
CMY	0.3020, 0.8509, 0.8078
CMYK	0.00, 0.79, 0.72, 0.30
HSL	355°, 65%, 42%
HSV	355°, 79%, 70%
XYZ	19.6067, 11.0730, 4.0101
YIQ	81.1140, 79.9090, 33.1010

Conversions

Conversions Part 2

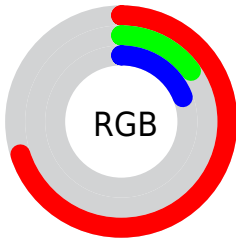
Format	Color
RYB	178, 38, 49
Decimal	11675185
CIELab	39.70, 55.33, 29.50
CIElCh	40, 62.705, 28.062
Yxy	11.0730, 0.5652, 0.3192
Android (android.graphics.Color)	4289865265 (0xFFB22631)
YUV	81.1140, -15.8322, 84.9690
Hunter-Lab	33.2761, 46.9412, 16.1482

Details

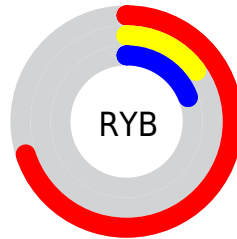
The Yxy color **11.0730, 0.5652, 0.3192** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **35.0412, 0.2350, 0.3476**, and the grayscale version is **8.2744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7172, 0.5031, 0.3305**, and **3.7907, 0.6339, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **10.0800, 0.6028, 0.3218**, and if you desaturate by 10%, it is **12.6617, 0.5208, 0.3181**.

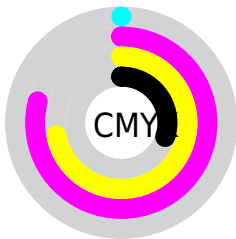
Distribution



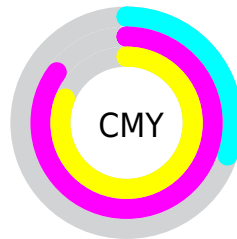
- Red (70%)
- Green (15%)
- Blue (19%)



- Red (70%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (79%)
- Yellow (72%)
- Black (30%)





- Cyan (30%)
- Magenta (85%)
- Yellow (81%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0730, 0.5652, 0.3192 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 11.0730, 0.5652, 0.3192 by changing the saturation by 10% instead.


 11.0730, 0.5652,
0.3192


 11.0730, 0.5652,
0.3192


198.1677, 0.4119,
0.3364


 6.1160, 0.6119,
0.3064

 27.7951, 0.5026,
0.3305


 2.9157, 0.6833,
0.2861

 40.3289, 0.4811,
0.3330


 1.0879, 0.7621,
0.2379

 56.1571, 0.4638,
0.3345

 0.0000, 1.0000,
0.0000

 75.6641, 0.4496,
0.3354

 0.0000, 0.0000,
0.0000

 99.2342, 0.4378,
0.3359

 127.2520, 0.4278,

0.3362

160.1017, 0.4192,
0.3363

■ 11.0730, 0.5652,
0.3192

■ 11.0730, 0.5652,
0.3192

■ 10.0800, 0.6028,
0.3218

■ 12.6617, 0.5208,
0.3181

■ 9.5548, 0.6285,
0.3250

■ 14.9176, 0.4758,
0.3183

■ 9.4958, 0.6312,
0.3251

■ 17.9043, 0.4346,
0.3195

■ 21.6774, 0.3990,
0.3213

■ 26.2871, 0.3696,
0.3233

■ 31.7794, 0.3456,
0.3254

■ 38.1971, 0.3263,
0.3274

■ 45.5800, 0.3108,
0.3292

■ 53.9657, 0.2983,
0.3310

Harmonies

Analogous

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



11.0730, 0.4685, 0.2458



11.0730, 0.5652, 0.3192



11.0730, 0.5610, 0.4003

Triad

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



11.0730, 0.5652, 0.3192



11.0730, 0.2556, 0.5702



11.0730, 0.1353, 0.1462

Complementary

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



11.0730, 0.5652, 0.3192



35.0412, 0.2350, 0.3476

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.



11.0730, 0.1068, 0.1756



11.0730, 0.5652, 0.3192



11.0730, 0.1597, 0.4163

Square

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



11.0730, 0.5652, 0.3192



11.0730, 0.3720, 0.5800



11.0730, 0.1121, 0.2587



11.0730, 0.2036, 0.1513

Rectangle

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



11.0730, 0.5652, 0.3192



11.0730, 0.5158, 0.4634



11.0730, 0.1121, 0.2587



11.0730, 0.1220, 0.1516

Sweetspot

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



11.0737, 0.5652, 0.3192



51.6805, 0.3588, 0.3242



12.7444, 0.3045, 0.1582



10.7037, 0.3677, 0.3235



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



11.0737, 0.5652, 0.3192



17.5753, 0.6219, 0.3243



18.0329, 0.5087, 0.4002



8.5157, 0.3275, 0.3272



6.7989, 0.6297, 0.3243



0.2175, 0.5903, 0.3025

Inverse Universe

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



11.0737, 0.5652, 0.3192



17.5753, 0.6219, 0.3243



16.9808, 0.2013, 0.2203



8.5157, 0.3275, 0.3272



6.7989, 0.6297, 0.3243



0.2175, 0.5903, 0.3025

Previews

White Background



This preview shows how the Yxy color 11.0730, 0.5652, 0.3192 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 11.0730, 0.5652, 0.3192 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 11.0730, 0.5652, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 11.0730, 0.5652, 0.3192.

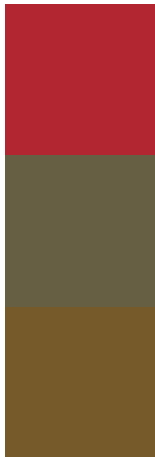


This preview shows how white text looks on a background with the Yxy color 11.0730, 0.5652, 0.3192.

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

11.0730, 0.5652, 0.3192

Protanopia

11.4266, 0.3641, 0.3919

Deuteranopia

11.3240, 0.4346, 0.4269



Tritanopia

11.1358, 0.5775, 0.3298

Trichromacy



Original Color

11.0730, 0.5652, 0.3192

Protanomaly

9.9803, 0.4438, 0.3544

Deuteranomaly

10.2638, 0.4929, 0.3741

Tritanomaly

11.0904, 0.5740, 0.3261

Monochromacy



Original Color

11.0730, 0.5652, 0.3192

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

7.9233, 0.4114, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0730, 0.5652, 0.3192 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(178, 38, 49)` looks like.

```
.text, #text, p{  
    color:rgb(178, 38, 49)  
}
```

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(178, 38, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 38, 49) }
```

Border

The CSS property to change the border of an element to Yxy 11.0730, 0.5652, 0.3192 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(178, 38, 49) }
```

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

```
.border{ border-color:rgb(178, 38, 49) }
```

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

Here you see how a box with a 4 pixel rgb(178, 38, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 38, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 38, 49);  
box-shadow:4px 4px 4px 4px rgb(178, 38,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0730, 0.5652, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 38, 49) }
```

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

```
.background{ background-color: rgb(178, 38,  
49) }
```

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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