

Converting Colors

$Y_{xy}(11.7651, 0.5936, 0.3190)$

Have a look what the booklet for
Yxy(11.7651, 0.5936, 0.3190)
contains.

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Color

Yxy(11.8025, 0.5941, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	BE1929
RGB	190, 25, 41
RGB Percent	75%, 10%, 16%
CMY	0.2549, 0.9017, 0.8393
CMYK	0.00, 0.87, 0.78, 0.25
HSL	354°, 77%, 42%
HSV	354°, 87%, 75%
XYZ	21.9808, 11.8025, 3.2152
YIQ	76.1590, 93.2040, 39.9560

Conversions

Conversions Part 2

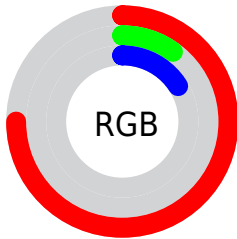
Format	Color
R_{YB}	190, 25, 41
Decimal	12458281
CIE _{Lab}	40.90, 61.64, 36.29
CIE _{LCh}	41, 71.532, 30.483
Yxy	11.8025, 0.5941, 0.3190
Android (android.graphics.Color)	4290648361 (0xFFBE1929)
YUV	76.1590, -17.3334, 99.8386
Hunter-Lab	34.3548, 54.0865, 18.4996

Details

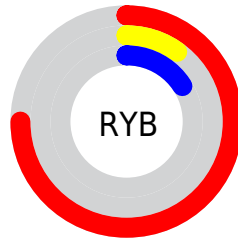
The Yxy color **11.8025, 0.5941, 0.3190** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **40.0881, 0.2342, 0.3549**, and the grayscale version is **7.2825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2411, 0.5278, 0.3331**, and **4.5892, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.1423, 0.6225, 0.3232**, and if you desaturate by 10%, it is **13.0580, 0.5546, 0.3162**.

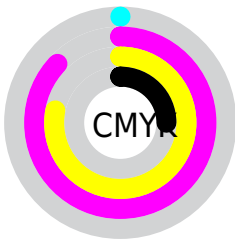
Distribution



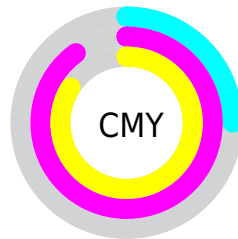
- Red (75%)
- Green (10%)
- Blue (16%)



- Red (75%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (25%)




- Cyan (25%)
- Magenta (90%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8025, 0.5941, 0.3190 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 11.8025, 0.5941, 0.3190 by changing the saturation by 10% instead.


 11.8025, 0.5941,
0.3190


 11.8025, 0.5941,
0.3190

203.0934, 0.4271,
0.3401

 6.6093, 0.6411,
0.3035


 29.1349, 0.5280,
0.3330


 3.2190, 0.7175,
0.2825

 42.0429, 0.5046,
0.3361

 1.2471, 0.7735,
0.2265

 58.2913, 0.4855,
0.3380

 0.0997, 0.9489,
0.0511

 78.2646, 0.4697,
0.3391


 0.0000, 1.0000,
0.0000

 102.3470, 0.4564,
0.3397

 0.0000, 0.0000,
0.0000


 130.9230, 0.4452,


0.3400


 164.3770, 0.4355,
0.3401


 11.8025, 0.5941,
0.3190


 11.8025, 0.5941,
0.3190

 11.1423, 0.6225,
0.3232


 13.0580, 0.5546,
0.3162

 10.9905, 0.6293,
0.3240

 15.0187, 0.5099,
0.3152

 17.7690, 0.4658,
0.3159

 21.3807, 0.4260,
0.3176

 25.9176, 0.3921,
0.3199

■ 31.4374, 0.3641,
0.3224

■ 37.9932, 0.3414,
0.3250

■ 45.6343, 0.3231,
0.3274

■ 54.4067, 0.3084,
0.3297

Harmonies

Analogous

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



11.8025, 0.4975, 0.2429



11.8025, 0.5941, 0.3190



11.8025, 0.5755, 0.4047

Triad

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



11.8025, 0.5941, 0.3190



11.8025, 0.2349, 0.5948



11.8025, 0.1262, 0.1318

Complementary

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



11.8025, 0.5941, 0.3190



40.0881, 0.2342, 0.3549

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.



11.8025, 0.0940, 0.1574



11.8025, 0.5941, 0.3190



11.8025, 0.1381, 0.4087

Square

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



11.8025, 0.5941, 0.3190



11.8025, 0.3584, 0.6096



11.8025, 0.0950, 0.2382



11.8025, 0.2014, 0.1401

Rectangle

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



11.8025, 0.5941, 0.3190



11.8025, 0.5226, 0.4774



11.8025, 0.0950, 0.2382



11.8025, 0.1115, 0.1360

Sweetspot

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



11.8032, 0.5941, 0.3190



57.4058, 0.3631, 0.3225



13.3556, 0.2992, 0.1481



11.7837, 0.3722, 0.3216



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.



11.8032, 0.5941, 0.3190



19.9033, 0.6313, 0.3252



18.5031, 0.5372, 0.3952



9.5509, 0.3274, 0.3268



7.3145, 0.6274, 0.3230



0.2916, 0.5857, 0.3000

Inverse Universe

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



11.8032, 0.5941, 0.3190



19.9033, 0.6313, 0.3252



18.3437, 0.1952, 0.2118



9.5509, 0.3274, 0.3268



7.3145, 0.6274, 0.3230



0.2916, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 11.8025, 0.5941, 0.3190 looks on a white background.

Color Contrast Check

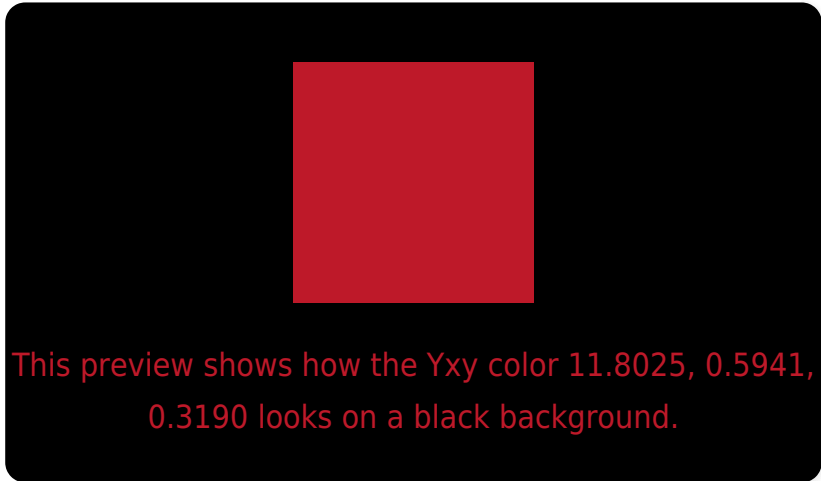
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8025, 0.5941, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 11.8025, 0.5941, 0.3190.



This preview shows how white text looks on a background with the Yxy color 11.8025, 0.5941, 0.3190.

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

11.8025, 0.5941, 0.3190

Protanopia

12.1981, 0.3803, 0.4114

Deuteranopia

12.1284, 0.4509, 0.4445



Tritanopia

11.8522, 0.6099, 0.3310

Trichromacy



Original Color

11.8025, 0.5941, 0.3190

Protanomaly

10.0912, 0.4716, 0.3595

Deuteranomaly

10.4471, 0.5223, 0.3796

Tritanomaly

11.8299, 0.6054, 0.3274

Monochromacy



Original Color

11.8025, 0.5941, 0.3190

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

7.0670, 0.4344, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8025, 0.5941, 0.3190 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(190, 25, 41)` looks like.

```
.text, #text, p{  
    color:rgb(190, 25, 41)  
}
```

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(190, 25, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 25, 41) }
```

Border

The CSS property to change the border of an element to Yxy 11.8025, 0.5941, 0.3190 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(190, 25, 41) }
```

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

```
.border{ border-color:rgb(190, 25, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 25, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 25, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 25, 41);  
box-shadow:4px 4px 4px 4px rgb(190, 25,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8025, 0.5941, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 25, 41) }
```

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

```
.background{ background-color: rgb(190, 25,  
41) }
```

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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