

Converting Colors

$Yxy(5.6318, 0.6628, 0.1936)$

Have a look what the booklet for
Yxy(5.6318, 0.6628, 0.1936)
contains.

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Color

Yxy(11.2629, 0.5730, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	BE003B
RGB	190, 0, 59
RGB Percent	75%, 0%, 23%
CMY	0.2549, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.69, 0.25
HSL	341°, 100%, 37%
HSV	341°, 100%, 75%
XYZ	22.0261, 11.2629, 5.1510
YIQ	63.5360, 94.3010, 58.6290

Conversions

Conversions Part 2

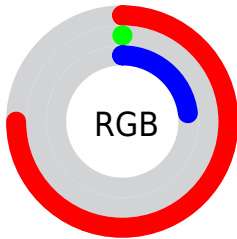
Format	Color
R _Y B	190, 0, 59
Decimal	12451899
CIE Lab	40.02, 65.65, 24.25
CIE LCh	40, 69.988, 20.275
Yxy	11.2629, 0.5730, 0.2930
Android (android.graphics.Color)	4290641979 (0xFFBE003B)
YUV	63.5360, -2.2362, 110.9089
Hunter-Lab	33.5602, 58.4217, 14.3921

Details

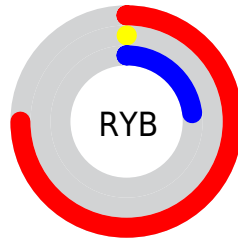
The Yxy color **11.2629, 0.5730, 0.2930** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **38.4689, 0.2538, 0.4337**, and the grayscale version is **5.0473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1098, 0.5081, 0.3091**, and **4.6329, 0.6157, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **11.2639, 0.5730, 0.2930**, and if you desaturate by 10%, it is **11.8831, 0.5420, 0.2845**.

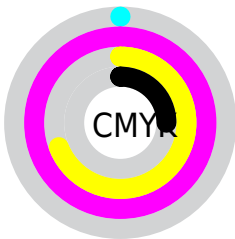
Distribution



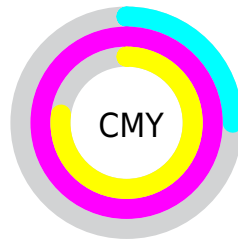
- Red (75%)
- Green (0%)
- Blue (23%)



- Red (75%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2629, 0.5730, 0.2930 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 11.2629, 0.5730, 0.2930 by changing the saturation by 10% instead.


 11.2629, 0.5730,
0.2930


 11.2629, 0.5730,
0.2930


199.4624, 0.4151,
0.3243


 6.2440, 0.6216,
0.2774


 28.1453, 0.5084,
0.3093


 2.9940, 0.6883,
0.2514

 40.7775, 0.4863,
0.3137


 1.1286, 0.7911,
0.2089

 56.7163, 0.4685,
0.3169

 0.0022, 0.9988,
0.0012

 76.3461, 0.4539,
0.3193

 0.0000, 1.0000,
0.0000

 100.0512, 0.4418,
0.3210

 0.0000, 0.0000,
0.0000

 128.2160, 0.4315,

0.3224

161.2249, 0.4227,
0.3235

■ 11.2629, 0.5730,
0.2930

■ 11.2629, 0.5730,
0.2930

■ 11.2639, 0.5730,
0.2930

■ 11.8831, 0.5420,
0.2845

■ 12.9935, 0.5073,
0.2796

■ 14.7621, 0.4715,
0.2793

■ 17.2740, 0.4374,
0.2829

■ 20.6012, 0.4068,
0.2890

■ 24.8072, 0.3804,
0.2966

■ 29.9493, 0.3583,
0.3049

■ 36.0798, 0.3400,
0.3133

■ 43.2469, 0.3250,
0.3214

Harmonies

Analogous

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



11.2629, 0.4430, 0.2193



11.2629, 0.5730, 0.2930



11.2629, 0.5912, 0.3735

Triad

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



11.2629, 0.5730, 0.2930



11.2629, 0.2762, 0.6194



11.2629, 0.1120, 0.1369

Complementary

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



11.2629, 0.5730, 0.2930



38.4689, 0.2538, 0.4337

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.



11.2629, 0.0914, 0.1777



11.2629, 0.5730, 0.2930



11.2629, 0.1664, 0.4802

Square

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



11.2629, 0.5730, 0.2930



11.2629, 0.4040, 0.5839



11.2629, 0.1049, 0.2858



11.2629, 0.1705, 0.1346

Rectangle

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



11.2629, 0.5730, 0.2930



11.2629, 0.5523, 0.4392



11.2629, 0.1049, 0.2858



11.2629, 0.1014, 0.1453

Sweetspot

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



11.2639, 0.5730, 0.2930



53.7747, 0.3592, 0.3045



8.4511, 0.2421, 0.1108



10.8959, 0.3683, 0.3010



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.



11.2639, 0.5730, 0.2930



20.3710, 0.5770, 0.2952



12.1404, 0.6209, 0.3452



9.5839, 0.3241, 0.3219



7.5018, 0.5695, 0.2911



0.3060, 0.4997, 0.2526

Inverse Universe

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



11.2639, 0.5730, 0.2930



20.3710, 0.5770, 0.2952



27.2182, 0.2081, 0.2691



9.5839, 0.3241, 0.3219



7.5018, 0.5695, 0.2911



0.3060, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 11.2629, 0.5730, 0.2930 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

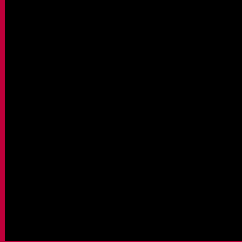
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2629, 0.5730, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 11.2629, 0.5730, 0.2930.



This preview shows how white text looks on a background with the Yxy color 11.2629, 0.5730, 0.2930.

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

11.2629, 0.5730, 0.2930

Protanopia

12.0042, 0.3332, 0.3520

Deuteranopia

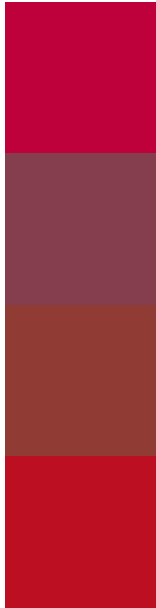
11.8065, 0.4217, 0.4145



Tritanopia

11.5226, 0.6175, 0.3319

Trichromacy



Original Color

11.2629, 0.5730, 0.2930

Protanomaly

8.9676, 0.4276, 0.3011

Deuteranomaly

9.4047, 0.5005, 0.3390

Tritanomaly

11.2760, 0.6079, 0.3196

Monochromacy



Original Color

11.2629, 0.5730, 0.2930

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.2487, 0.4378, 0.2839

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2629, 0.5730, 0.2930 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, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 59)  
}
```

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, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 59) }
```

Border

The CSS property to change the border of an element to Yxy 11.2629, 0.5730, 0.2930 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, 0, 59) }
```

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

```
.border{ border-color:rgb(190, 0, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 0, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(190, 0, 59)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2629, 0.5730, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 59) }
```

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

```
.background{ background-color: rgb(190, 0,  
59) }
```

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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