

Converting Colors

$Y_{xy}(10.2559, 0.5956, 0.3278)$

Have a look what the booklet for
Yxy(10.2559, 0.5956, 0.3278)
contains.

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Color

Yxy(10.2629, 0.5960, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	B01E20
RGB	176, 30, 32
RGB Percent	69%, 12%, 13%
CMY	0.3098, 0.8824, 0.8745
CMYK	0.00, 0.83, 0.82, 0.31
HSL	359°, 71%, 40%
HSV	359°, 83%, 69%
XYZ	18.6314, 10.2629, 2.3664
YIQ	73.8820, 86.3740, 31.5740

Conversions

Conversions Part 2

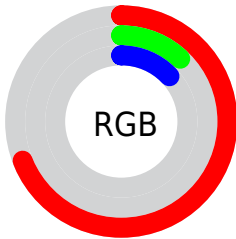
Format	Color
R_{YB}	176, 30, 32
Decimal	11542048
CIE Lab	38.31, 56.35, 37.82
CIE LCh	38, 67.872, 33.869
Yxy	10.2629, 0.5960, 0.3283
Android (android.graphics.Color)	4289732128 (0xFFB01E20)
YUV	73.8820, -20.6478, 89.5575
Hunter-Lab	32.0358, 47.7497, 18.0454

Details

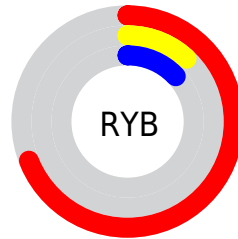
The Yxy color **10.2629, 0.5960, 0.3283** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34.3858, 0.2290, 0.3322**, and the grayscale version is **6.8510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3687, 0.5282, 0.3424**, and **3.6448, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.5372, 0.6253, 0.3290**, and if you desaturate by 10%, it is **11.5365, 0.5544, 0.3278**.

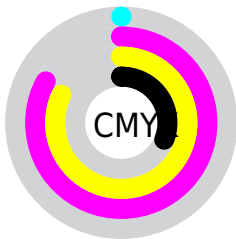
Distribution



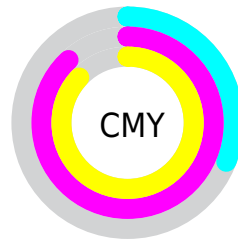
- Red (69%)
- Green (12%)
- Blue (13%)



- Red (69%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (83%)
- Yellow (82%)
- Black (31%)




- Cyan (31%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2629, 0.5960, 0.3283 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 10.2629, 0.5960, 0.3283 by changing the saturation by 10% instead.


 10.2629, 0.5960,
0.3283


 10.2629, 0.5960,
0.3283


192.5383, 0.4256,
0.3452

 5.5736, 0.6447,
0.3123

 26.2888, 0.5281,
0.3417


 2.5876, 0.7146,
0.2854

 38.3943, 0.5041,
0.3442


 0.9204, 0.7756,
0.2244

 53.7405, 0.4846,
0.3454

 0.0000, 1.0000,
0.0000


 72.7120, 0.4686,
0.3459


 0.0000, 0.0000,
0.0000

 95.6932, 0.4552,
0.3460


 123.0683, 0.4438,


0.3459


 155.2219, 0.4340,
0.3456

 10.2629, 0.5960,
0.3283


 10.2629, 0.5960,
0.3283


 9.5372, 0.6253,
0.3290


 11.5365, 0.5544,
0.3278

 9.2366, 0.6385,
0.3291

 13.4356, 0.5075,
0.3276

 16.0271, 0.4617,
0.3276

 19.3691, 0.4209,
0.3278

 23.5133, 0.3865,
0.3280

■ 28.5072, 0.3583,
0.3283

■ 34.3942, 0.3356,
0.3286

■ 41.2150, 0.3174,
0.3289

■ 49.0077, 0.3028,
0.3292

Harmonies

Analogous

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



10.2629, 0.5126, 0.2517



10.2629, 0.5960, 0.3283



10.2629, 0.5684, 0.4170

Triad

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



10.2629, 0.5960, 0.3283



10.2629, 0.2226, 0.5786



10.2629, 0.1329, 0.1320

Complementary

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



10.2629, 0.5960, 0.3283



34.3858, 0.2290, 0.3322

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.



10.2629, 0.0966, 0.1532



10.2629, 0.5960, 0.3283



10.2629, 0.1314, 0.3849

Square

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



10.2629, 0.5960, 0.3283



10.2629, 0.3445, 0.6149



10.2629, 0.0939, 0.2258



10.2629, 0.2139, 0.1436

Rectangle

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



10.2629, 0.5960, 0.3283



10.2629, 0.5102, 0.4898



10.2629, 0.0939, 0.2258



10.2629, 0.1167, 0.1349

Sweetspot

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



10.2635, 0.5960, 0.3283



49.3071, 0.3647, 0.3282



13.0130, 0.3172, 0.1608



10.0041, 0.3742, 0.3281



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



10.2635, 0.5960, 0.3283



16.7474, 0.6390, 0.3294



18.5480, 0.5066, 0.4130



8.5071, 0.3285, 0.3287



6.7770, 0.6382, 0.3290



0.2139, 0.6305, 0.3247

Inverse Universe

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



10.2635, 0.5960, 0.3283



16.7474, 0.6390, 0.3294



13.6023, 0.1922, 0.1941



8.5071, 0.3285, 0.3287



6.7770, 0.6382, 0.3290



0.2139, 0.6305, 0.3247

Previews

White Background



This preview shows how the Yxy color 10.2629, 0.5960, 0.3283 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 10.2629, 0.5960, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 10.2629, 0.5960, 0.3283.



This preview shows how white text looks on a background with the Yxy color 10.2629, 0.5960, 0.3283.

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

10.2629, 0.5960, 0.3283

Protanopia

10.6344, 0.3939, 0.4306

Deuteranopia

10.5699, 0.4600, 0.4539



Tritanopia

10.2474, 0.5997, 0.3306

Trichromacy



Original Color

10.2629, 0.5960, 0.3283

Protanomaly

9.0126, 0.4813, 0.3789

Deuteranomaly

9.3576, 0.5276, 0.3926

Tritanomaly

10.2524, 0.5985, 0.3298

Monochromacy



Original Color

10.2629, 0.5960, 0.3283

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

6.7214, 0.4311, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2629, 0.5960, 0.3283 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(176, 30, 32)` looks like.

```
.text, #text, p{  
    color:rgb(176, 30, 32)  
}
```

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(176, 30, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 30, 32) }
```

Border

The CSS property to change the border of an element to Yxy 10.2629, 0.5960, 0.3283 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(176, 30, 32) }
```

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

```
.border{ border-color:rgb(176, 30, 32) }
```

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

Here you see how a box with a 4 pixel rgb(176, 30, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 30, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 30, 32);  
box-shadow:4px 4px 4px 4px rgb(176, 30,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2629, 0.5960, 0.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 30, 32) }
```

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

```
.background{ background-color: rgb(176, 30,  
32) }
```

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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