

Converting Colors

$Y_{xy}(10.8915, 0.6232, 0.3434)$

Have a look what the booklet for
Yxy(10.8915, 0.6232, 0.3434)
contains.

Yxy(10.8736, 0.6235, 0.3432)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.8736, 0.6235, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	B61E00
RGB	182, 30, 0
RGB Percent	71%, 12%, 0%
CMY	0.2863, 0.8822, 1.0000
CMYK	0.00, 0.83, 1.00, 0.29
HSL	10°, 100%, 36%
HSV	10°, 100%, 71%
XYZ	19.7543, 10.8736, 1.0550
YIQ	72.0280, 100.2220, 22.8940

Conversions

Conversions Part 2

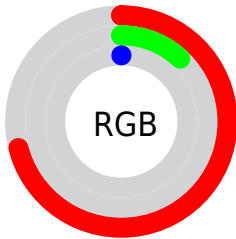
Format	Color
R_{YB}	182, 36, 0
Decimal	11935232
CIE Lab	39.37, 57.52, 52.82
CIE LCh	39, 78.096, 42.560
Yxy	10.8736, 0.6235, 0.3432
Android (android.graphics.Color)	4290125312 (0xFFB61E00)
YUV	72.0280, -35.5098, 96.4454
Hunter-Lab	32.9751, 49.2271, 21.1856

Details

The Yxy color **10.8736, 0.6235, 0.3432** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **25.8216, 0.2099, 0.2756**, and the grayscale version is **6.5377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3229, 0.5576, 0.3596**, and **3.9219, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.8745, 0.6234, 0.3432**, and if you desaturate by 10%, it is **11.8829, 0.5979, 0.3492**.

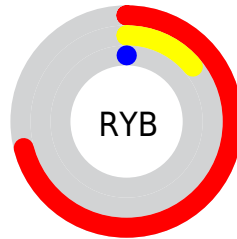
Distribution



Red (71%)

Green (12%)

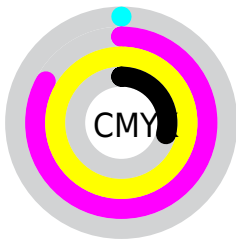
Blue (0%)



Red (71%)

Yellow (14%)

Blue (0%)

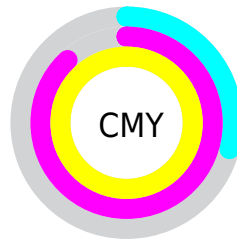


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (88%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8736, 0.6235, 0.3432 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 10.8736, 0.6235, 0.3432 by changing the saturation by 10% instead.


 10.8736, 0.6235,
0.3432


 10.8736, 0.6235,
0.3432


 196.7983, 0.4462,
0.3607


 5.9819, 0.6732,
0.3268

 27.4262, 0.5580,
0.3600

 2.8341, 0.7129,
0.2871

 39.8559, 0.5331,
0.3628

 1.0457, 0.7716,
0.2284

 55.5670, 0.5123,
0.3638

 0.0000, 1.0000,
0.0000

 74.9440, 0.4947,
0.3639

 0.0000, 0.0000,
0.0000


 98.3712, 0.4798,
0.3635

 126.2331, 0.4669,


0.3627


 158.9140, 0.4559,
0.3617


 10.8736, 0.6235,
0.3432


 10.8736, 0.6235,
0.3432


 10.8745, 0.6234,
0.3432

 11.8829, 0.5979,
0.3492

 13.3505, 0.5628,
0.3536

 15.3330, 0.5215,
0.3550

 17.8735, 0.4792,
0.3537

 21.0103, 0.4396,
0.3507

■ 24.7783, 0.4046,
0.3466

■ 29.2097, 0.3749,
0.3421

■ 34.3344, 0.3501,
0.3375

■ 40.1807, 0.3296,
0.3331

Harmonies

Analogous

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



10.8736, 0.5763, 0.2640



10.8736, 0.6235, 0.3432



10.8736, 0.5572, 0.4428

Triad

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



10.8736, 0.6235, 0.3432



10.8736, 0.1740, 0.5626



10.8736, 0.1374, 0.1176

Complementary

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



10.8736, 0.6235, 0.3432



25.8216, 0.2099, 0.2756

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.



10.8736, 0.0889, 0.1275



10.8736, 0.6235, 0.3432



10.8736, 0.0973, 0.3248

Square

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



10.8736, 0.6235, 0.3432



10.8736, 0.2961, 0.6599



10.8736, 0.0756, 0.1819



10.8736, 0.2401, 0.1386

Rectangle

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



10.8736, 0.6235, 0.3432



10.8736, 0.4763, 0.5237



10.8736, 0.0756, 0.1819



10.8736, 0.1164, 0.1173

Sweetspot

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



10.8745, 0.6234, 0.3432



52.5230, 0.3763, 0.3423



12.3007, 0.3628, 0.1772



10.8273, 0.3882, 0.3443



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



10.8745, 0.6234, 0.3432



19.4901, 0.6256, 0.3415



22.9711, 0.4977, 0.4430



9.2453, 0.3284, 0.3328



7.7473, 0.6218, 0.3445



0.3481, 0.5780, 0.3792

Inverse Universe

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



25.8216, 0.2099, 0.2756



46.5194, 0.2096, 0.2747



7.0100, 0.1646, 0.1125



9.9515, 0.2985, 0.3251



18.3191, 0.2101, 0.2763



0.7137, 0.2142, 0.2913

Previews

White Background



This preview shows how the Yxy color 10.8736, 0.6235, 0.3432 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

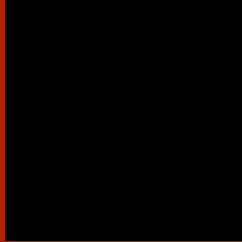
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8736, 0.6235, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 10.8736, 0.6235, 0.3432.



This preview shows how white text looks on a background with the Yxy color 10.8736, 0.6235, 0.3432.

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

10.8736, 0.6235, 0.3432

Protanopia

11.3065, 0.4261, 0.4732

Deuteranopia

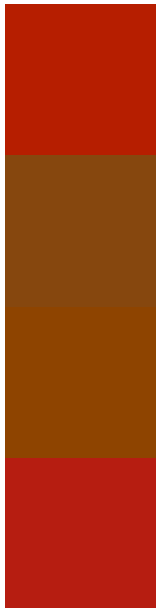
11.2343, 0.4679, 0.4667



Tritanopia

10.8502, 0.6071, 0.3311

Trichromacy



Original Color

10.8736, 0.6235, 0.3432

Protanomaly

9.6065, 0.5198, 0.4106

Deuteranomaly

9.8850, 0.5437, 0.4065

Tritanomaly

10.8643, 0.6144, 0.3366

Monochromacy



Original Color

10.8736, 0.6235, 0.3432

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

6.5683, 0.4643, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8736, 0.6235, 0.3432 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(182, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 30, 0)  
}
```

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(182, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 30, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.8736, 0.6235, 0.3432 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(182, 30, 0) }
```

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

```
.border{ border-color:rgb(182, 30, 0) }
```

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

Here you see how a box with a 4 pixel rgb(182, 30, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 30, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 30, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 30, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8736, 0.6235, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 30, 0) }
```

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

```
.background{ background-color: rgb(182, 30,  
0) }
```

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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