

Converting Colors

$Y_{xy}(11.1028, 0.6289, 0.3388)$

Have a look what the booklet for
Yxy(11.1028, 0.6289, 0.3388)
contains.

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Color

Yxy(11.0924, 0.6288, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	BA1800
RGB	186, 24, 0
RGB Percent	73%, 9%, 0%
CMY	0.2706, 0.9057, 1.0000
CMYK	0.00, 0.87, 1.00, 0.27
HSL	8°, 100%, 36%
HSV	8°, 100%, 73%
XYZ	20.5749, 11.0924, 1.0536
YIQ	69.7020, 104.2560, 26.8800

Conversions

Conversions Part 2

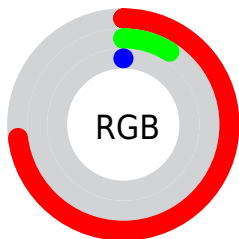
Format	Color
RYB	186, 28, 0
Decimal	12195840
CIELab	39.74, 59.98, 53.48
CIElCh	40, 80.356, 41.720
Yxy	11.0924, 0.6288, 0.3390
Android (android.graphics.Color)	4290385920 (0xFFBA1800)
YUV	69.7020, -34.3631, 101.9933
Hunter-Lab	33.3053, 51.9874, 21.4380

Details

The Yxy color **11.0924, 0.6288, 0.3390** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **29.3688, 0.2132, 0.2876**, and the grayscale version is **6.1216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8930, 0.5632, 0.3574**, and **4.2110, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.0933, 0.6287, 0.3390**, and if you desaturate by 10%, it is **12.0176, 0.6045, 0.3438**.

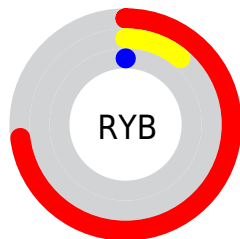
Distribution



Red (73%)

Green (9%)

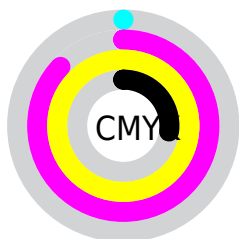
Blue (0%)



Red (73%)

Yellow (11%)

Blue (0%)

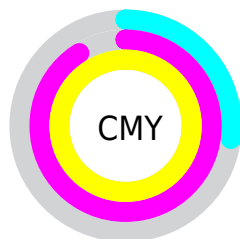


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (91%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0924, 0.6288, 0.3390 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 11.0924, 0.6288, 0.3390 by changing the saturation by 10% instead.

 11.0924, 0.6288,
0.3390

 11.0924, 0.6288,
0.3390


 198.3004, 0.4494,
0.3596


 6.1290, 0.6783,
0.3217

 27.8309, 0.5629,
0.3571


 2.9237, 0.7182,
0.2818

 40.3748, 0.5377,
0.3603


 1.0920, 0.7766,
0.2234

 56.2144, 0.5166,
0.3617

 0.0000, 1.0000,
0.0000


 75.7339, 0.4987,
0.3621


 0.0000, 0.0000,
0.0000

 99.3179, 0.4836,
0.3619


 127.3507, 0.4705,

0.3613


 160.2168, 0.4592,
0.3605


 11.0924, 0.6288,
0.3390


 11.0924, 0.6288,
0.3390

 11.0933, 0.6287,
0.3390

 12.0176, 0.6045,
0.3438

 13.4436, 0.5695,
0.3477

 15.4382, 0.5273,
0.3491

 18.0534, 0.4835,
0.3484

 21.3354, 0.4425,
0.3461

■ 25.3258, 0.4064,
0.3429

■ 30.0629, 0.3758,
0.3393

■ 35.5823, 0.3505,
0.3357

■ 41.9170, 0.3297,
0.3322

Harmonies

Analogous

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



11.0924, 0.5781, 0.2600



11.0924, 0.6288, 0.3390



11.0924, 0.5618, 0.4382

Triad

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



11.0924, 0.6288, 0.3390



11.0924, 0.1737, 0.5750



11.0924, 0.1329, 0.1148

Complementary

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



11.0924, 0.6288, 0.3390



29.3688, 0.2132, 0.2876

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.



11.0924, 0.0855, 0.1255



11.0924, 0.6288, 0.3390



11.0924, 0.0953, 0.3298

Square

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



11.0924, 0.6288, 0.3390



11.0924, 0.2976, 0.6665



11.0924, 0.0729, 0.1816



11.0924, 0.2347, 0.1351

Rectangle

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



11.0924, 0.6288, 0.3390



11.0924, 0.4797, 0.5203



11.0924, 0.0729, 0.1816



11.0924, 0.1124, 0.1147

Sweetspot

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



11.0933, 0.6287, 0.3390



54.0355, 0.3772, 0.3395



13.1293, 0.3527, 0.1717



11.0673, 0.3896, 0.3410



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



11.0933, 0.6287, 0.3390



19.9179, 0.6305, 0.3376



22.6307, 0.5071, 0.4356



9.1944, 0.3285, 0.3320



7.5272, 0.6272, 0.3402



0.3263, 0.5895, 0.3702

Inverse Universe

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



29.3688, 0.2132, 0.2876



52.9830, 0.2130, 0.2869



8.0894, 0.1671, 0.1214



10.0072, 0.2985, 0.3260



19.8371, 0.2134, 0.2882



0.7550, 0.2166, 0.2997

Previews

White Background



This preview shows how the Yxy color 11.0924, 0.6288, 0.3390 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

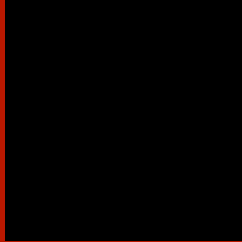
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0924, 0.6288, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 11.0924, 0.6288, 0.3390.



This preview shows how white text looks on a background with the Yxy color 11.0924, 0.6288, 0.3390.

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

11.0924, 0.6288, 0.3390

Protanopia

11.5534, 0.4255, 0.4726

Deuteranopia

11.4752, 0.4675, 0.4670



Tritanopia

11.0989, 0.6182, 0.3319

Trichromacy



Original Color

11.0924, 0.6288, 0.3390

Protanomaly

9.6490, 0.5236, 0.4065

Deuteranomaly

9.9436, 0.5478, 0.4032

Tritanomaly

11.0784, 0.6230, 0.3347

Monochromacy



Original Color

11.0924, 0.6288, 0.3390

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.1804, 0.4725, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0924, 0.6288, 0.3390 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(186, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 24, 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(186, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 24, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0924, 0.6288, 0.3390 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(186, 24, 0) }
```

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

```
.border{ border-color:rgb(186, 24, 0) }
```

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

Here you see how a box with a 4 pixel rgb(186, 24, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 24, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 24, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 24, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0924, 0.6288, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 24, 0) }
```

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

```
.background{ background-color: rgb(186, 24,  
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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