

Converting Colors

$Y_{xy}(11.1754, 0.6220, 0.3443)$

Have a look what the booklet for
Yxy(11.1754, 0.6220, 0.3443)
contains.

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Color

Yxy(11.2234, 0.6221, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	B82000
RGB	184, 32, 0
RGB Percent	72%, 13%, 0%
CMY	0.2784, 0.8745, 0.9998
CMYK	0.00, 0.83, 1.00, 0.28
HSL	10°, 100%, 36%
HSV	10°, 100%, 72%
XYZ	20.2849, 11.2234, 1.0989
YIQ	73.8000, 100.8640, 22.2720

Conversions

Conversions Part 2

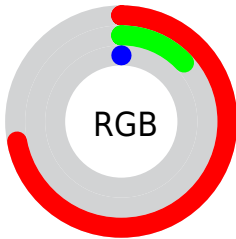
Format	Color
R_YB	184, 39, 0
Decimal	12066816
CIE Lab	39.95, 57.62, 53.25
CIE LCh	40, 78.458, 42.745
Yxy	11.2234, 0.6221, 0.3442
Android (android.graphics.Color)	4290256896 (0xFFB82000)
YUV	73.8000, -36.3834, 96.6454
Hunter-Lab	33.5013, 49.4538, 21.5062

Details

The Yxy color **11.2234, 0.6221, 0.3442** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **25.9386, 0.2091, 0.2726**, and the grayscale version is **6.8642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0331, 0.5569, 0.3610**, and **4.0649, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2213, 0.6222, 0.3442**, and if you desaturate by 10%, it is **12.2856, 0.5964, 0.3505**.

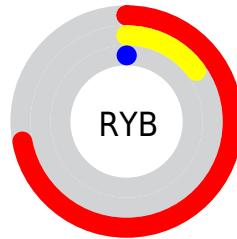
Distribution



Red (72%)

Green (13%)

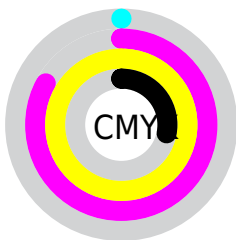
Blue (0%)



Red (72%)

Yellow (15%)

Blue (0%)

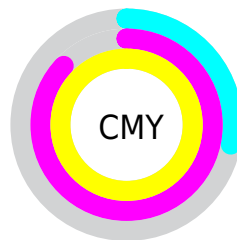


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (87%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2234, 0.6221, 0.3442 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 11.2234, 0.6221, 0.3442 by changing the saturation by 10% instead.

 11.2234, 0.6221,
0.3442


 11.2234, 0.6221,
0.3442


 199.1939, 0.4463,
0.3610


 6.2173, 0.6715,
0.3285

 28.0725, 0.5574,
0.3606


 2.9777, 0.7104,
0.2896

 40.6844, 0.5327,
0.3633


 1.1201, 0.7677,
0.2323

 56.6002, 0.5120,
0.3643

 0.0000, 1.0000,
0.0000


 76.2045, 0.4946,
0.3643

 0.0000, 0.0000,
0.0000

 99.8816, 0.4797,
0.3638


 128.0160, 0.4670,


0.3630


 160.9919, 0.4560,
0.3621

 11.2234, 0.6221,
0.3442


 11.2234, 0.6221,
0.3442


 11.2213, 0.6222,
0.3442

 12.2856, 0.5964,
0.3505

 13.8137, 0.5614,
0.3550

 15.8637, 0.5203,
0.3564

 18.4782, 0.4783,
0.3551

 21.6955, 0.4390,
0.3518

■ 25.5504, 0.4042,
0.3475

■ 30.0751, 0.3747,
0.3428

■ 35.2993, 0.3499,
0.3380

■ 41.2514, 0.3295,
0.3333

Harmonies

Analogous

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



11.2234, 0.5756, 0.2650



11.2234, 0.6221, 0.3442



11.2234, 0.5562, 0.4438

Triad

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



11.2234, 0.6221, 0.3442



11.2234, 0.1742, 0.5596



11.2234, 0.1385, 0.1184

Complementary

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



11.2234, 0.6221, 0.3442



25.9386, 0.2091, 0.2726

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.



11.2234, 0.0898, 0.1281



11.2234, 0.6221, 0.3442



11.2234, 0.0979, 0.3238

Square

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



11.2234, 0.6221, 0.3442



11.2234, 0.2959, 0.6580



11.2234, 0.0763, 0.1822



11.2234, 0.2413, 0.1395

Rectangle

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



11.2234, 0.6221, 0.3442



11.2234, 0.4755, 0.5245



11.2234, 0.0763, 0.1822



11.2234, 0.1174, 0.1180

Sweetspot

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



11.2241, 0.6221, 0.3442



54.0464, 0.3761, 0.3430



12.5036, 0.3681, 0.1802



10.8851, 0.3880, 0.3450



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.



11.2241, 0.6221, 0.3442



20.1020, 0.6243, 0.3425



24.2801, 0.4932, 0.4466



9.2576, 0.3283, 0.3330



7.8074, 0.6204, 0.3456



0.3533, 0.5754, 0.3813

Inverse Universe

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



25.9386, 0.2091, 0.2726



46.6973, 0.2088, 0.2716



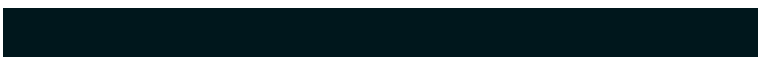
6.8389, 0.1634, 0.1080



9.9381, 0.2985, 0.3249



17.9647, 0.2093, 0.2734



0.7040, 0.2137, 0.2892

Previews

White Background



This preview shows how the Yxy color 11.2234, 0.6221, 0.3442 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

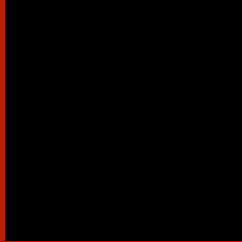
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2234, 0.6221, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 11.2234, 0.6221, 0.3442.



This preview shows how white text looks on a background with the Yxy color 11.2234, 0.6221, 0.3442.

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

11.2234, 0.6221, 0.3442

Protanopia

11.6118, 0.4278, 0.4726

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.2076, 0.6032, 0.3305

Trichromacy



Original Color

11.2234, 0.6221, 0.3442

Protanomaly

10.0310, 0.5184, 0.4122

Deuteranomaly

10.3096, 0.5418, 0.4080

Tritanomaly

11.2140, 0.6126, 0.3373

Monochromacy



Original Color

11.2234, 0.6221, 0.3442

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

6.9106, 0.4630, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2234, 0.6221, 0.3442 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(184, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 32, 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(184, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 32, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2234, 0.6221, 0.3442 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(184, 32, 0) }
```

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

```
.border{ border-color:rgb(184, 32, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 32, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 32, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2234, 0.6221, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 32, 0) }
```

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

```
.background{ background-color: rgb(184, 32,  
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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