

Converting Colors

$Y_{xy}(11.1716, 0.6091, 0.3454)$

Have a look what the booklet for
Yxy(11.1716, 0.6091, 0.3454)
contains.

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Color

Yxy(11.2365, 0.6093, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	B5260C
RGB	181, 38, 12
RGB Percent	71%, 15%, 5%
CMY	0.2902, 0.8510, 0.9532
CMYK	0.00, 0.79, 0.93, 0.29
HSL	9°, 88%, 38%
HSV	9°, 93%, 71%
XYZ	19.8159, 11.2365, 1.4700
YIQ	77.7930, 93.5740, 22.2300

Conversions

Conversions Part 2

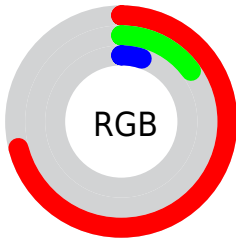
Format	Color
R _Y B	181, 43, 12
Decimal	11871756
CIE Lab	39.98, 55.20, 48.89
CIE LCh	40, 73.739, 41.527
Yxy	11.2365, 0.6093, 0.3455
Android (android.graphics.Color)	4290061836 (0xFFB5260C)
YUV	77.7930, -32.4359, 90.5125
Hunter-Lab	33.5209, 46.8590, 20.8645

Details

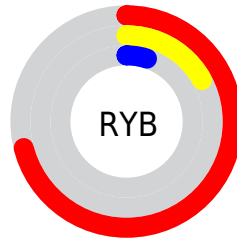
The Yxy color **11.2365, 0.6093, 0.3455** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **26.8328, 0.2129, 0.2828**, and the grayscale version is **7.6259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1151, 0.5445, 0.3587**, and **3.9219, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.6507, 0.6250, 0.3419**, and if you desaturate by 10%, it is **12.4931, 0.5776, 0.3506**.

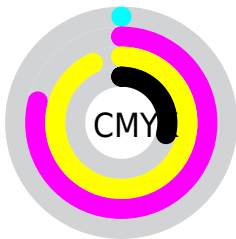
Distribution



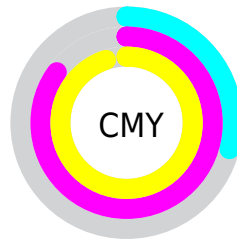
- Red (71%)
- Green (15%)
- Blue (5%)



- Red (71%)
- Yellow (17%)
- Blue (5%)



- Cyan (0%)
- Magenta (79%)
- Yellow (93%)
- Black (29%)





- Cyan (29%)
- Magenta (85%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2365, 0.6093, 0.3455 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 11.2365, 0.6093, 0.3455 by changing the saturation by 10% instead.


 11.2365, 0.6093,
0.3455


 11.2365, 0.6093,
0.3455


 199.2830, 0.4380,
0.3581


 6.2261, 0.6583,
0.3313

 28.0967, 0.5446,
0.3591


 2.9831, 0.7032,
0.2968

 40.7153, 0.5206,
0.3611


 1.1229, 0.7598,
0.2402

 56.6387, 0.5006,
0.3617

 0.0000, 1.0000,
0.0000


 76.2515, 0.4838,
0.3615

 0.0000, 0.0000,
0.0000


 99.9379, 0.4697,
0.3609

 128.0823, 0.4575,


0.3600


 161.0692, 0.4471,
0.3591


 11.2365, 0.6093,
0.3455


 11.2365, 0.6093,
0.3455


 10.6507, 0.6250,
0.3419

 12.4931, 0.5776,
0.3506

 14.2488, 0.5376,
0.3530

 16.5505, 0.4947,
0.3527

 19.4390, 0.4534,
0.3504

 22.9512, 0.4165,
0.3469

■ 27.1210, 0.3847,
0.3427

■ 31.9797, 0.3581,
0.3384

■ 37.5566, 0.3362,
0.3342

■ 43.8794, 0.3181,
0.3303

Harmonies

Analogous

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



11.2365, 0.5565, 0.2668



11.2365, 0.6093, 0.3455



11.2365, 0.5564, 0.4436

Triad

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



11.2365, 0.6093, 0.3455



11.2365, 0.1876, 0.5511



11.2365, 0.1427, 0.1257

Complementary

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



11.2365, 0.6093, 0.3455



26.8328, 0.2129, 0.2828

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.



11.2365, 0.0961, 0.1372



11.2365, 0.6093, 0.3455



11.2365, 0.1091, 0.3340

Square

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



11.2365, 0.6093, 0.3455



11.2365, 0.3075, 0.6381



11.2365, 0.0845, 0.1938



11.2365, 0.2402, 0.1453

Rectangle

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



11.2365, 0.6093, 0.3455



11.2365, 0.4812, 0.5188



11.2365, 0.0845, 0.1938



11.2365, 0.1225, 0.1258

Sweetspot

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



11.2372, 0.6093, 0.3455



52.7128, 0.3710, 0.3406



12.4737, 0.3594, 0.1782



10.6184, 0.3827, 0.3424



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



11.2372, 0.6093, 0.3455



18.8669, 0.6271, 0.3403



23.7275, 0.4886, 0.4448



8.7099, 0.3283, 0.3326



7.4091, 0.6234, 0.3432



0.2985, 0.5787, 0.3787

Inverse Universe

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



26.8328, 0.2129, 0.2828



46.5548, 0.2107, 0.2784



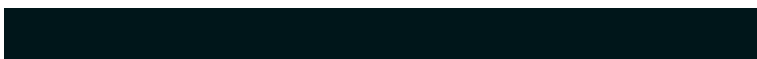
7.9340, 0.1697, 0.1252



9.4038, 0.2986, 0.3254



18.1069, 0.2111, 0.2800



0.6298, 0.2153, 0.2950

Previews

White Background



This preview shows how the Yxy color 11.2365, 0.6093, 0.3455 looks on a white background.

Color Contrast Check

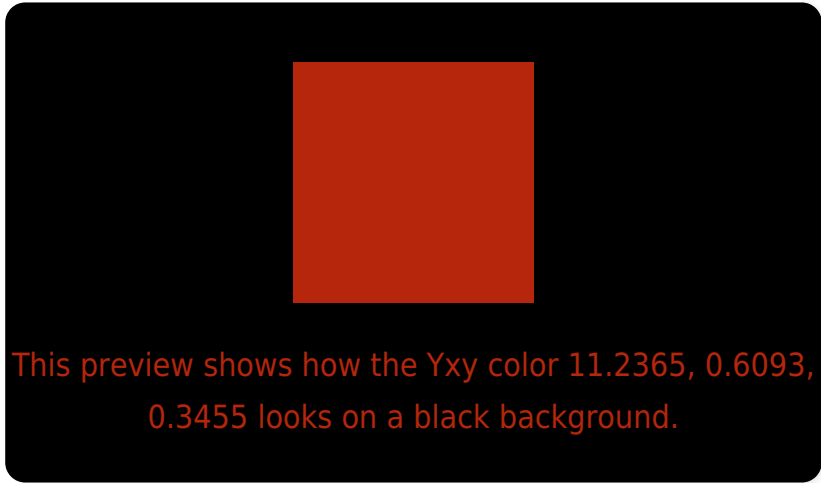
Large Text (above 18pt) WCAG AA ✓ Pass

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

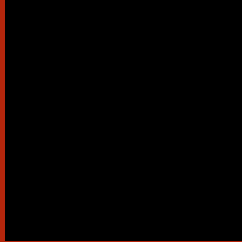
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2365, 0.6093, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 11.2365, 0.6093, 0.3455.



This preview shows how white text looks on a background with the Yxy color 11.2365, 0.6093, 0.3455.

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

11.2365, 0.6093, 0.3455

Protanopia

11.5661, 0.4231, 0.4690

Deuteranopia

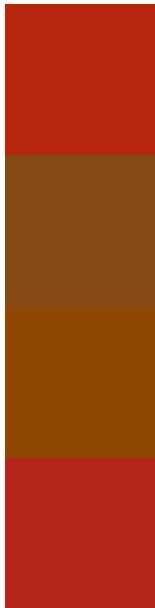
11.4752, 0.4675, 0.4670



Tritanopia

11.2129, 0.5884, 0.3298

Trichromacy



Original Color

11.2365, 0.6093, 0.3455

Protanomaly

10.1546, 0.5064, 0.4120

Deuteranomaly

10.3943, 0.5334, 0.4109

Tritanomaly

11.2260, 0.5981, 0.3372

Monochromacy



Original Color

11.2365, 0.6093, 0.3455

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

7.4662, 0.4444, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2365, 0.6093, 0.3455 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(181, 38, 12)` looks like.

```
.text, #text, p{  
    color:rgb(181, 38, 12)  
}
```

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(181, 38, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 38, 12) }
```

Border

The CSS property to change the border of an element to Yxy 11.2365, 0.6093, 0.3455 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(181, 38, 12) }
```

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

```
.border{ border-color:rgb(181, 38, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 38, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 38, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 38, 12);  
box-shadow:4px 4px 4px 4px rgb(181, 38,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2365, 0.6093, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 38, 12) }
```

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

```
.background{ background-color: rgb(181, 38,  
12) }
```

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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