

Converting Colors

$Y_{xy}(11.2868, 0.5996, 0.3332)$

Have a look what the booklet for
Yxy(11.2868, 0.5996, 0.3332)
contains.

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Color

Yxy(11.3000, 0.5996, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	B7221D
RGB	183, 34, 29
RGB Percent	72%, 13%, 11%
CMY	0.2823, 0.8666, 0.8864
CMYK	0.00, 0.81, 0.84, 0.28
HSL	2°, 73%, 42%
HSV	2°, 84%, 72%
XYZ	20.3224, 11.3000, 2.2708
YIQ	77.9810, 90.4090, 30.0330

Conversions

Conversions Part 2

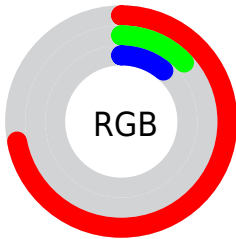
Format	Color
RYB	183, 34, 29
Decimal	12001821
CIELab	40.08, 57.26, 41.64
CIElCh	40, 70.796, 36.027
Yxy	11.3000, 0.5996, 0.3334
Android (android.graphics.Color)	4290191901 (0xFFB7221D)
YUV	77.9810, -24.1476, 92.1017
Hunter-Lab	33.6155, 49.0858, 19.5256

Details

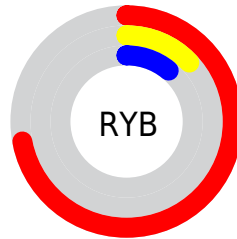
The Yxy color **11.3000, 0.5996, 0.3334** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **35.5079, 0.2253, 0.3204**, and the grayscale version is **7.6491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1062, 0.5331, 0.3462**, and **4.0649, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.4707, 0.6272, 0.3320**, and if you desaturate by 10%, it is **12.7053, 0.5593, 0.3342**.

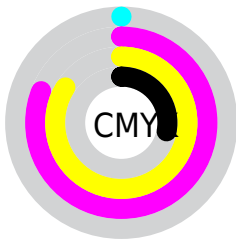
Distribution



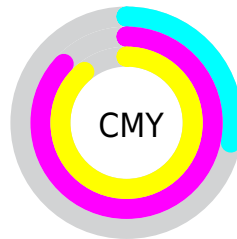
- Red (72%)
- Green (13%)
- Blue (11%)



- Red (72%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (81%)
- Yellow (84%)
- Black (28%)





- Cyan (28%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3000, 0.5996, 0.3334 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 11.3000, 0.5996, 0.3334 by changing the saturation by 10% instead.


 11.3000, 0.5996,
0.3334


 11.3000, 0.5996,
0.3334


199.7143, 0.4304,
0.3488

 6.2690, 0.6459,
0.3179


 28.2136, 0.5336,
0.3464


 3.0093, 0.7088,
0.2912

 40.8650, 0.5098,
0.3488


 1.1366, 0.7657,
0.2343

 56.8253, 0.4904,
0.3498

 0.0090, 0.9942,
0.0058

 76.4789, 0.4742,
0.3502

 0.0000, 1.0000,
0.0000


 100.2102, 0.4606,
0.3501


 0.0000, 0.0000,
0.0000


 128.4036, 0.4490,


0.3498


 161.4435, 0.4390,
0.3493


 11.3000, 0.5996,
0.3334

 11.3000, 0.5996,
0.3334

 10.4707, 0.6272,
0.3320


 12.7053, 0.5593,
0.3342

 10.1973, 0.6377,
0.3319

 14.7632, 0.5130,
0.3343

 17.5409, 0.4671,
0.3339

 21.0965, 0.4258,
0.3331

 25.4824, 0.3907,
0.3322

■ 30.7464, 0.3618,
0.3312

■ 36.9325, 0.3383,
0.3302

■ 44.0821, 0.3194,
0.3293

■ 52.2337, 0.3043,
0.3285

Harmonies

Analogous

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



11.3000, 0.5243, 0.2562



11.3000, 0.5996, 0.3334



11.3000, 0.5645, 0.4239

Triad

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



11.3000, 0.5996, 0.3334



11.3000, 0.2133, 0.5711



11.3000, 0.1359, 0.1305

Complementary

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



11.3000, 0.5996, 0.3334



35.5079, 0.2253, 0.3204

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.



11.3000, 0.0968, 0.1490



11.3000, 0.5996, 0.3334



11.3000, 0.1254, 0.3706

Square

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



11.3000, 0.5996, 0.3334



11.3000, 0.3343, 0.6202



11.3000, 0.0916, 0.2169



11.3000, 0.2211, 0.1444

Rectangle

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



11.3000, 0.5996, 0.3334



11.3000, 0.5024, 0.4976



11.3000, 0.0916, 0.2169



11.3000, 0.1186, 0.1327

Sweetspot

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



11.3007, 0.5996, 0.3334



53.8010, 0.3650, 0.3313



14.2581, 0.3240, 0.1635



11.1288, 0.3748, 0.3317



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.



11.3007, 0.5996, 0.3334



18.1986, 0.6383, 0.3313



20.9989, 0.5029, 0.4195



9.0580, 0.3287, 0.3298



7.1335, 0.6372, 0.3323



0.2675, 0.6257, 0.3414

Inverse Universe

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



35.5079, 0.2253, 0.3204



62.3834, 0.2218, 0.3186



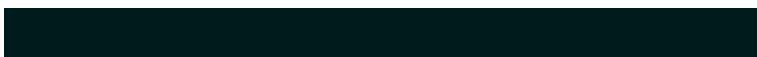
13.4645, 0.1883, 0.1818



10.1589, 0.2985, 0.3282



24.3470, 0.2219, 0.3189



0.8741, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 11.3000, 0.5996, 0.3334 looks on a white background.

Color Contrast Check

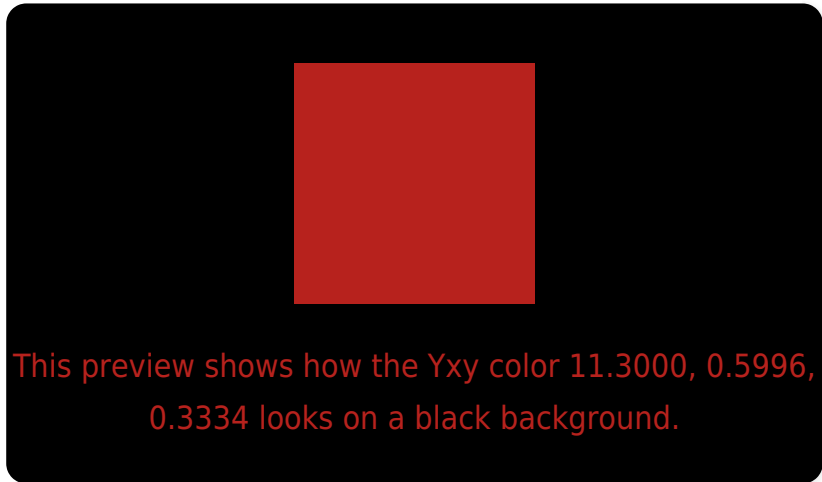
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3000, 0.5996, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 11.3000, 0.5996, 0.3334.



This preview shows how white text looks on a background with the Yxy color 11.3000, 0.5996, 0.3334.

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

11.3000, 0.5996, 0.3334

Protanopia

11.6118, 0.4030, 0.4422

Deuteranopia

11.5603, 0.4662, 0.4623



Tritanopia

11.2648, 0.5958, 0.3298

Trichromacy



Original Color

11.3000, 0.5996, 0.3334

Protanomaly

9.9799, 0.4887, 0.3877

Deuteranomaly

10.3413, 0.5338, 0.4009

Tritanomaly

11.2593, 0.5970, 0.3306

Monochromacy



Original Color

11.3000, 0.5996, 0.3334

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

7.4845, 0.4342, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3000, 0.5996, 0.3334 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(183, 34, 29)` looks like.

```
.text, #text, p{  
    color:rgb(183, 34, 29)  
}
```

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(183, 34, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 34, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.3000, 0.5996, 0.3334 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(183, 34, 29) }
```

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

```
.border{ border-color:rgb(183, 34, 29) }
```

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

Here you see how a box with a 4 pixel rgb(183, 34, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 34, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 34, 29);  
box-shadow:4px 4px 4px 4px rgb(183, 34,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3000, 0.5996, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 34, 29) }
```

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

```
.background{ background-color: rgb(183, 34,  
29) }
```

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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