

Converting Colors

$Y_{xy}(11.3262, 0.6176, 0.3278)$

Have a look what the booklet for
Yxy(11.3262, 0.6176, 0.3278)
contains.

Yxy(11.3464, 0.6178, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.3464, 0.6178, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	BD1317
RGB	189, 19, 23
RGB Percent	74%, 7%, 9%
CMY	0.2589, 0.9252, 0.9098
CMYK	0.00, 0.90, 0.88, 0.26
HSL	359°, 82%, 41%
HSV	359°, 90%, 74%
XYZ	21.3714, 11.3464, 1.8749
YIQ	70.2860, 100.0360, 37.2840

Conversions

Conversions Part 2

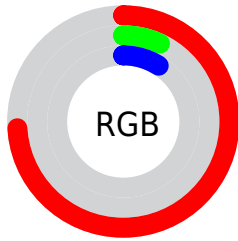
Format	Color
RYB	189, 19, 23
Decimal	12391191
CIELab	40.16, 61.98, 45.18
CIElCh	40, 76.700, 36.087
Yxy	11.3464, 0.6178, 0.3280
Android (android.graphics.Color)	4290581271 (0xFFBD1317)
YUV	70.2860, -23.3120, 104.1122
Hunter-Lab	33.6844, 54.3031, 20.2789

Details

The Yxy color **11.3464, 0.6178, 0.3280** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **40.0329, 0.2279, 0.3351**, and the grayscale version is **6.2090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2918, 0.5491, 0.3447**, and **4.4356, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.8307, 0.6375, 0.3287**, and if you desaturate by 10%, it is **12.3648, 0.5840, 0.3270**.

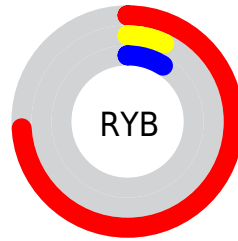
Distribution



Red (74%)

Green (7%)

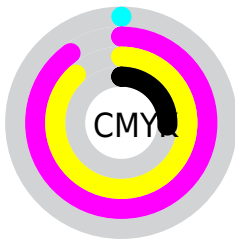
Blue (9%)



Red (74%)

Yellow (7%)

Blue (9%)

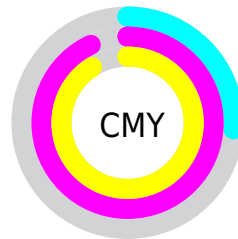


Cyan (0%)

Magenta (90%)

Yellow (88%)

Black (26%)



Cyan (26%)


Magenta (93%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 11.3464, 0.6178, 0.3280 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 11.3464, 0.6178, 0.3280 by changing the saturation by 10% instead.


 11.3464, 0.6178,
0.3280

 11.3464, 0.6178,
0.3280


 200.0289, 0.4402,
0.3495


 6.3003, 0.6659,
0.3106


 28.2990, 0.5499,
0.3443


 3.0286, 0.7219,
0.2781

 40.9742, 0.5249,
0.3476


 1.1467, 0.7796,
0.2204

 56.9614, 0.5043,
0.3493

 0.0175, 0.9900,
0.0100

 76.6448, 0.4871,
0.3501


 0.0000, 1.0000,
0.0000


 100.4089, 0.4725,
0.3503


 0.0000, 0.0000,
0.0000


 128.6380, 0.4601,


0.3502

 161.7165, 0.4495,
0.3499

 11.3464, 0.6178,
0.3280


 11.3464, 0.6178,
0.3280


 10.8307, 0.6375,
0.3287


 12.3648, 0.5840,
0.3270

 10.8266, 0.6377,
0.3287

 14.0560, 0.5400,
0.3264

 16.5098, 0.4929,
0.3263

 19.8020, 0.4483,
0.3264

 23.9990, 0.4094,
0.3268

■ 29.1607, 0.3770,
0.3274

■ 35.3420, 0.3507,
0.3279

■ 42.5933, 0.3295,
0.3285

■ 50.9621, 0.3126,
0.3290

Harmonies

Analogous

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



11.3464, 0.5406, 0.2501



11.3464, 0.6178, 0.3280



11.3464, 0.5773, 0.4227

Triad

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



11.3464, 0.6178, 0.3280



11.3464, 0.2026, 0.5948



11.3464, 0.1269, 0.1209

Complementary

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



11.3464, 0.6178, 0.3280



40.0329, 0.2279, 0.3351

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.



11.3464, 0.0873, 0.1387



11.3464, 0.6178, 0.3280



11.3464, 0.1134, 0.3714

Square

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



11.3464, 0.6178, 0.3280



11.3464, 0.3287, 0.6426



11.3464, 0.0811, 0.2072



11.3464, 0.2148, 0.1353

Rectangle

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



11.3464, 0.6178, 0.3280



11.3464, 0.5033, 0.4967



11.3464, 0.0811, 0.2072



11.3464, 0.1094, 0.1229

Sweetspot

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



11.3471, 0.6178, 0.3280



54.8031, 0.3700, 0.3275



14.2485, 0.3133, 0.1538



11.0312, 0.3798, 0.3273



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.



11.3471, 0.6178, 0.3280



19.3890, 0.6384, 0.3290



19.6682, 0.5286, 0.4077



9.5399, 0.3285, 0.3285



7.2873, 0.6371, 0.3283



0.2867, 0.6258, 0.3221

Inverse Universe

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



11.3471, 0.6178, 0.3280



19.3890, 0.6384, 0.3290



14.8984, 0.1872, 0.1860



9.5399, 0.3285, 0.3285



7.2873, 0.6371, 0.3283



0.2867, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 11.3464, 0.6178, 0.3280 looks on a white background.

Color Contrast Check

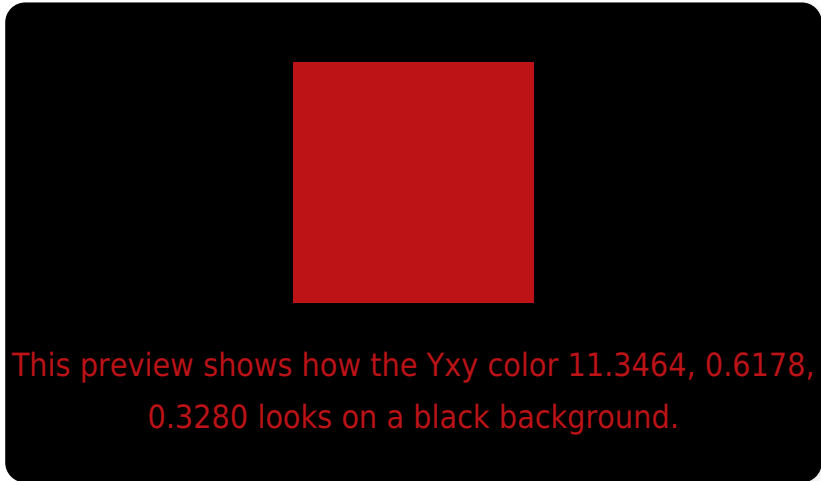
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3464, 0.6178, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 11.3464, 0.6178, 0.3280.



This preview shows how white text looks on a background with the Yxy color 11.3464, 0.6178, 0.3280.

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

11.3464, 0.6178, 0.3280

Protanopia

11.8217, 0.4091, 0.4518

Deuteranopia

11.6197, 0.4705, 0.4646



Tritanopia

11.3508, 0.6242, 0.3324

Trichromacy



Original Color

11.3464, 0.6178, 0.3280

Protanomaly

9.6844, 0.5079, 0.3867

Deuteranomaly

9.9091, 0.5490, 0.3946

Tritanomaly

11.3596, 0.6222, 0.3312

Monochromacy



Original Color

11.3464, 0.6178, 0.3280

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.1354, 0.4577, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3464, 0.6178, 0.3280 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(189, 19, 23)` looks like.

```
.text, #text, p{  
  color:rgb(189, 19, 23)  
}
```

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(189, 19, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 19, 23) }
```

Border

The CSS property to change the border of an element to Yxy 11.3464, 0.6178, 0.3280 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(189, 19, 23) }
```

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

```
.border{ border-color:rgb(189, 19, 23) }
```

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

Here you see how a box with a 4 pixel rgb(189, 19, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 19, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 19, 23);  
box-shadow:4px 4px 4px 4px rgb(189, 19,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3464, 0.6178, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 19, 23) }
```

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

```
.background{ background-color: rgb(189, 19,  
23) }
```

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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