

Converting Colors

$Y_{xy}(11.4053, 0.5987, 0.3251)$

Have a look what the booklet for
Yxy(11.4053, 0.5987, 0.3251)
contains.

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Color

Yxy(11.3910, 0.5984, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	BA1C23
RGB	186, 28, 35
RGB Percent	73%, 11%, 14%
CMY	0.2706, 0.8901, 0.8629
CMYK	0.00, 0.85, 0.81, 0.27
HSL	357°, 74%, 42%
HSV	357°, 85%, 73%
XYZ	20.9670, 11.3910, 2.6804
YIQ	76.0400, 91.9210, 35.6730

Conversions

Conversions Part 2

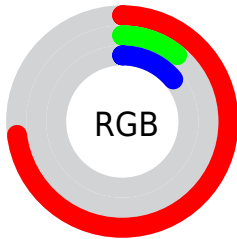
Format	Color
R _Y B	186, 28, 35
Decimal	12196899
CIE Lab	40.23, 59.74, 38.77
CIE LCh	40, 71.215, 32.984
Yxy	11.3910, 0.5984, 0.3251
Android (android.graphics.Color)	4290386979 (0xFFBA1C23)
YUV	76.0400, -20.2327, 96.4349
Hunter-Lab	33.7506, 51.8269, 18.9166

Details

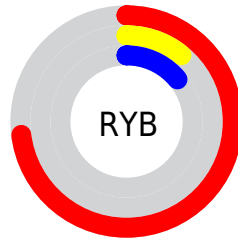
The Yxy color **11.3910, 0.5984, 0.3251** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38.6205, 0.2305, 0.3401**, and the grayscale version is **7.2628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4002, 0.5318, 0.3382**, and **4.2851, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.6843, 0.6263, 0.3271**, and if you desaturate by 10%, it is **12.6970, 0.5581, 0.3238**.

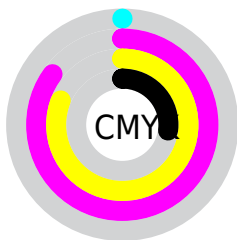
Distribution



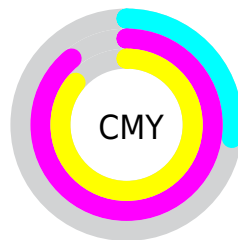
- Red (73%)
- Green (11%)
- Blue (14%)



- Red (73%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (85%)
- Yellow (81%)
- Black (27%)





- Cyan (27%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3910, 0.5984, 0.3251 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 11.3910, 0.5984, 0.3251 by changing the saturation by 10% instead.


 11.3910, 0.5984,
0.3251


 11.3910, 0.5984,
0.3251


200.3307, 0.4290,
0.3440


 6.3305, 0.6452,
0.3092


 28.3810, 0.5317,
0.3389


 3.0471, 0.7152,
0.2848

 41.0792, 0.5079,
0.3417

 1.1563, 0.7724,
0.2276

 57.0921, 0.4885,
0.3433

 0.0256, 0.9848,
0.0152

 76.8041, 0.4724,
0.3441


 0.0000, 1.0000,
0.0000


 100.5995, 0.4589,
0.3444


 0.0000, 0.0000,
0.0000


 128.8629, 0.4474,


0.3444

 161.9785, 0.4376,
0.3443


 11.3910, 0.5984,
0.3251


 11.3910, 0.5984,
0.3251


 10.6843, 0.6263,
0.3271


 12.6970, 0.5581,
0.3238

 10.4563, 0.6355,
0.3275

 14.6948, 0.5120,
0.3232

 17.4630, 0.4664,
0.3235

 21.0691, 0.4254,
0.3242

 25.5732, 0.3906,
0.3252

■ 31.0301, 0.3621,
0.3263

■ 37.4899, 0.3390,
0.3274

■ 44.9995, 0.3204,
0.3285

■ 53.6026, 0.3056,
0.3295

Harmonies

Analogous

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



11.3910, 0.5109, 0.2484



11.3910, 0.5984, 0.3251



11.3910, 0.5718, 0.4132

Triad

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



11.3910, 0.5984, 0.3251



11.3910, 0.2243, 0.5867



11.3910, 0.1297, 0.1304

Complementary

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



11.3910, 0.5984, 0.3251



38.6205, 0.2305, 0.3401

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.



11.3910, 0.0944, 0.1527



11.3910, 0.5984, 0.3251



11.3910, 0.1313, 0.3916

Square

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



11.3910, 0.5984, 0.3251



11.3910, 0.3473, 0.6163



11.3910, 0.0926, 0.2276



11.3910, 0.2095, 0.1412

Rectangle

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



11.3910, 0.5984, 0.3251



11.3910, 0.5137, 0.4863



11.3910, 0.0926, 0.2276



11.3910, 0.1139, 0.1337

Sweetspot

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



11.3917, 0.5984, 0.3251



55.7246, 0.3633, 0.3263



13.8535, 0.3102, 0.1553



11.4643, 0.3728, 0.3259



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.



11.3917, 0.5984, 0.3251



18.9448, 0.6368, 0.3282



19.4683, 0.5200, 0.4061



9.0184, 0.3281, 0.3280



7.0380, 0.6344, 0.3268



0.2503, 0.6124, 0.3147

Inverse Universe

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



11.3917, 0.5984, 0.3251



18.9448, 0.6368, 0.3282



16.0339, 0.1927, 0.1999



9.0184, 0.3281, 0.3280



7.0380, 0.6344, 0.3268



0.2503, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 11.3910, 0.5984, 0.3251 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



This preview shows how the Yxy color 11.3910, 0.5984, 0.3251 looks on a 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 11.3910, 0.5984, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 11.3910, 0.5984, 0.3251.



This preview shows how white text looks on a background with the Yxy color 11.3910, 0.5984, 0.3251.

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

11.3910, 0.5984, 0.3251

Protanopia

11.6870, 0.3914, 0.4248

Deuteranopia

11.5976, 0.4585, 0.4525



Tritanopia

11.3970, 0.6068, 0.3311

Trichromacy



Original Color

11.3910, 0.5984, 0.3251

Protanomaly

9.8546, 0.4824, 0.3732

Deuteranomaly

10.2242, 0.5292, 0.3887

Tritanomaly

11.4116, 0.6036, 0.3292

Monochromacy



Original Color

11.3910, 0.5984, 0.3251

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

7.1779, 0.4352, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3910, 0.5984, 0.3251 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, 28, 35)` looks like.

```
.text, #text, p{  
  color:rgb(186, 28, 35)  
}
```

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, 28, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 28, 35) }
```

Border

The CSS property to change the border of an element to Yxy 11.3910, 0.5984, 0.3251 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, 28, 35) }
```

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

```
.border{ border-color:rgb(186, 28, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 28, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 28, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 28, 35);  
box-shadow:4px 4px 4px 4px rgb(186, 28,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3910, 0.5984, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 28, 35) }
```

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

```
.background{ background-color: rgb(186, 28,  
35) }
```

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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