

Converting Colors

$Yxy(10.7932, 0.6078, 0.3236)$

Have a look what the booklet for
Yxy(10.7932, 0.6078, 0.3236)
contains.

Yxy(10.7896, 0.6074, 0.3234)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.7896, 0.6074, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	B8141F
RGB	184, 20, 31
RGB Percent	72%, 8%, 12%
CMY	0.2784, 0.9215, 0.8786
CMYK	0.00, 0.89, 0.83, 0.28
HSL	356°, 80%, 40%
HSV	356°, 89%, 72%
XYZ	20.2647, 10.7896, 2.3087
YIQ	70.2900, 94.2130, 38.1890

Conversions

Conversions Part 2

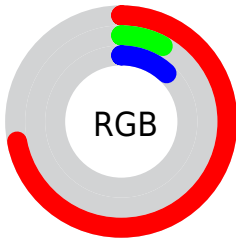
Format	Color
RYB	184, 20, 31
Decimal	12063775
CIELab	39.22, 60.67, 39.86
CIElCh	39, 72.589, 33.304
Yxy	10.7896, 0.6074, 0.3234
Android (android.graphics.Color)	4290253855 (0xFFB8141F)
YUV	70.2900, -19.3700, 99.7237
Hunter-Lab	32.8475, 52.6392, 18.8260

Details

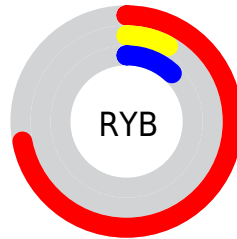
The Yxy color **10.7896, 0.6074, 0.3234** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **37.4496, 0.2315, 0.3471**, and the grayscale version is **6.1980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2947, 0.5392, 0.3389**, and **4.1376, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.2568, 0.6314, 0.3260**, and if you desaturate by 10%, it is **11.8183, 0.5707, 0.3210**.

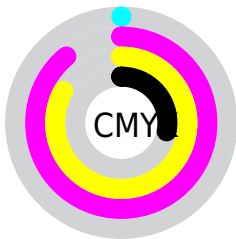
Distribution



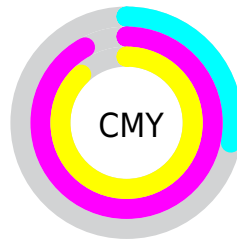
- Red (72%)
- Green (8%)
- Blue (12%)



- Red (72%)
- Yellow (8%)
- Blue (12%)



- Cyan (0%)
- Magenta (89%)
- Yellow (83%)
- Black (28%)





- Cyan (28%)
- Magenta (92%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7896, 0.6074, 0.3234 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 10.7896, 0.6074, 0.3234 by changing the saturation by 10% instead.


 10.7896, 0.6074,
0.3234


 10.7896, 0.6074,
0.3234


196.2183, 0.4323,
0.3446


 5.9255, 0.6559,
0.3061

 27.2704, 0.5386,
0.3388


 2.7999, 0.7227,
0.2773

 39.6560, 0.5140,
0.3419


 1.0282, 0.7823,
0.2177

 55.3175, 0.4939,
0.3436

 0.0000, 1.0000,
0.0000


 74.6394, 0.4772,
0.3445


 0.0000, 0.0000,
0.0000

 98.0060, 0.4632,
0.3449


 125.8018, 0.4514,


0.3450


 158.4111, 0.4412,
0.3449


 10.7896, 0.6074,
0.3234


 10.7896, 0.6074,
0.3234


 10.2568, 0.6314,
0.3260


 11.8183, 0.5707,
0.3210

 10.2178, 0.6330,
0.3261

 13.4842, 0.5263,
0.3199

 15.8691, 0.4807,
0.3200

 19.0419, 0.4385,
0.3209

 23.0635, 0.4021,
0.3224

■ 27.9889, 0.3718,
0.3241

■ 33.8684, 0.3472,
0.3258

■ 40.7486, 0.3274,
0.3275

■ 48.6730, 0.3115,
0.3291

Harmonies

Analogous

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



10.7896, 0.5195, 0.2462



10.7896, 0.6074, 0.3234



10.7896, 0.5785, 0.4141

Triad

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



10.7896, 0.6074, 0.3234



10.7896, 0.2185, 0.5968



10.7896, 0.1260, 0.1258

Complementary

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



10.7896, 0.6074, 0.3234



37.4496, 0.2315, 0.3471

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.



10.7896, 0.0900, 0.1474



10.7896, 0.6074, 0.3234



10.7896, 0.1250, 0.3908

Square

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



10.7896, 0.6074, 0.3234



10.7896, 0.3442, 0.6275



10.7896, 0.0873, 0.2221



10.7896, 0.2074, 0.1372

Rectangle

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



10.7896, 0.6074, 0.3234



10.7896, 0.5135, 0.4865



10.7896, 0.0873, 0.2221



10.7896, 0.1099, 0.1289

Sweetspot

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



10.7903, 0.6074, 0.3234



52.3923, 0.3673, 0.3244



12.5453, 0.3023, 0.1484



10.5825, 0.3766, 0.3238



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.



10.7903, 0.6074, 0.3234



18.5102, 0.6347, 0.3270



17.2773, 0.5388, 0.3976



9.0217, 0.3277, 0.3275



7.0459, 0.6315, 0.3252



0.2517, 0.5991, 0.3074

Inverse Universe

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



10.7903, 0.6074, 0.3234



18.5102, 0.6347, 0.3270



16.0258, 0.1922, 0.2033



9.0217, 0.3277, 0.3275



7.0459, 0.6315, 0.3252



0.2517, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 10.7896, 0.6074, 0.3234 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 10.7896, 0.6074, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 10.7896, 0.6074, 0.3234.



This preview shows how white text looks on a background with the Yxy color 10.7896, 0.6074, 0.3234.

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

10.7896, 0.6074, 0.3234

Protanopia

11.1619, 0.3968, 0.4323

Deuteranopia

11.0932, 0.4640, 0.4577



Tritanopia

10.8078, 0.6191, 0.3319

Trichromacy



Original Color

10.7896, 0.6074, 0.3234

Protanomaly

9.1680, 0.4920, 0.3729

Deuteranomaly

9.5534, 0.5400, 0.3885

Tritanomaly

10.7885, 0.6154, 0.3288

Monochromacy



Original Color

10.7896, 0.6074, 0.3234

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.1210, 0.4450, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7896, 0.6074, 0.3234 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, 20, 31)` looks like.

```
.text, #text, p{  
  color:rgb(184, 20, 31)  
}
```

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, 20, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 20, 31) }
```

Border

The CSS property to change the border of an element to Yxy 10.7896, 0.6074, 0.3234 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, 20, 31) }
```

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

```
.border{ border-color:rgb(184, 20, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 20, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 20, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 20, 31);  
box-shadow:4px 4px 4px 4px rgb(184, 20,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7896, 0.6074, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 20, 31) }
```

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

```
.background{ background-color: rgb(184, 20,  
31) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor