

Converting Colors

$Yxy(14.8853, 0.5354, 0.3294)$

Have a look what the booklet for
Yxy(14.8853, 0.5354, 0.3294)
contains.

Yxy(14.8918, 0.5357, 0.3286)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.8918, 0.5357, 0.3286)

Conversions

Conversions Part 1

Format	Color
Hex	C03D3E
RGB	192, 61, 62
RGB Percent	75%, 24%, 24%
CMY	0.2470, 0.7608, 0.7569
CMYK	0.00, 0.68, 0.68, 0.25
HSL	360°, 52%, 50%
HSV	360°, 68%, 75%
XYZ	24.2774, 14.8918, 6.1498
YIQ	100.2830, 77.7550, 28.0830

Conversions

Conversions Part 2

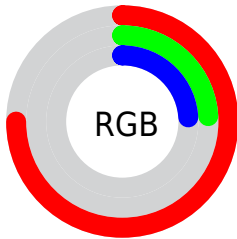
Format	Color
R_{YB}	192, 61, 62
Decimal	12598590
CIE Lab	45.49, 52.22, 29.27
CIE LCh	45, 59.864, 29.276
Yxy	14.8918, 0.5357, 0.3286
Android (android.graphics.Color)	4290788670 (0xFFC03D3E)
YUV	100.2830, -18.8735, 80.4358
Hunter-Lab	38.5899, 44.7641, 17.5643

Details

The Yxy color **14.8918, 0.5357, 0.3286** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42.4568, 0.2348, 0.3303**, and the grayscale version is **12.8545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6874, 0.4827, 0.3354**, and **4.8758, 0.6134, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **13.0231, 0.5807, 0.3289**, and if you desaturate by 10%, it is **17.5691, 0.4882, 0.3285**.

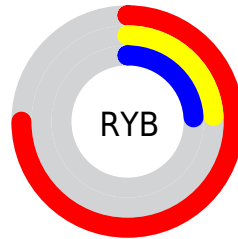
Distribution



Red (75%)

Green (24%)

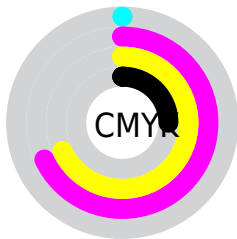
Blue (24%)



Red (75%)

Yellow (24%)

Blue (24%)

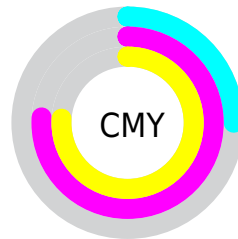


Cyan (0%)

Magenta (68%)

Yellow (68%)

Black (25%)



Cyan (25%)


Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8918, 0.5357, 0.3286 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 14.8918, 0.5357, 0.3286 by changing the saturation by 10% instead.


 14.8918, 0.5357,
0.3286


 14.8918, 0.5357,
0.3286

222.7104, 0.4045,
0.3379


 8.7435, 0.5743,
0.3206

 34.6633, 0.4833,
0.3355

 4.5742, 0.6261,
0.3054

 49.0552, 0.4650,
0.3369


 1.9997, 0.7162,
0.2838

 66.9638, 0.4501,
0.3376

 0.6073, 0.7918,
0.2082

 88.7734, 0.4378,
0.3380

 0.0000, 1.0000,
0.0000

 114.8685, 0.4275,
0.3382

 0.0000, 0.0000,
0.0000

 145.6334, 0.4187,

0.3381

181.4526, 0.4111,
0.3381

■ 14.8918, 0.5357,
0.3286

■ 14.8918, 0.5357,
0.3286

■ 13.0231, 0.5807,
0.3289

■ 17.5691, 0.4882,
0.3285

■ 11.8697, 0.6159,
0.3293

■ 21.1297, 0.4437,
0.3285

■ 11.2916, 0.6363,
0.3296

■ 25.6426, 0.4052,
0.3285

■ 11.2104, 0.6393,
0.3296

■ 31.1695, 0.3733,
0.3286

■ 37.7667, 0.3474,
0.3288

■ 45.4864, 0.3266,
0.3289

■ 54.3776, 0.3100,
0.3290

■ 64.4860, 0.2967,
0.3292

■ 75.8553, 0.2860,
0.3293

Harmonies

Analogous

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



14.8918, 0.4532, 0.2589



14.8918, 0.5357, 0.3286



14.8918, 0.5346, 0.4053

Triad

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



14.8918, 0.5357, 0.3286



14.8918, 0.2632, 0.5292



14.8918, 0.1542, 0.1636

Complementary

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



14.8918, 0.5357, 0.3286



42.4568, 0.2348, 0.3303

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.



14.8918, 0.1259, 0.1913



14.8918, 0.5357, 0.3286



14.8918, 0.1759, 0.3989

Square

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



14.8918, 0.5357, 0.3286



14.8918, 0.3694, 0.5521



14.8918, 0.1310, 0.2663



14.8918, 0.2198, 0.1689

Rectangle

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



14.8918, 0.5357, 0.3286



14.8918, 0.4953, 0.4605



14.8918, 0.1310, 0.2663



14.8918, 0.1409, 0.1687

Sweetspot

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



14.8927, 0.5357, 0.3286



65.7609, 0.3523, 0.3287



18.0682, 0.3171, 0.1770



13.3634, 0.3594, 0.3287



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.8927, 0.5357, 0.3286



22.3823, 0.6003, 0.3291



26.0401, 0.4680, 0.4085



10.0791, 0.3288, 0.3289



7.5434, 0.6391, 0.3295



0.3264, 0.6356, 0.3275

Inverse Universe

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



14.8927, 0.5357, 0.3286



22.3823, 0.6003, 0.3291



20.4166, 0.2082, 0.2208



10.0791, 0.3288, 0.3289



7.5434, 0.6391, 0.3295



0.3264, 0.6356, 0.3275

Previews

White Background



This preview shows how the Yxy color 14.8918, 0.5357, 0.3286 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 14.8918, 0.5357, 0.3286 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 14.8918, 0.5357, 0.3286

Background



This preview shows how black text looks on a background with the Yxy color 14.8918, 0.5357, 0.3286.



This preview shows how white text looks on a background with the Yxy color 14.8918, 0.5357, 0.3286.

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

14.8918, 0.5357, 0.3286

Protanopia

15.0173, 0.3613, 0.3872

Deuteranopia

14.9629, 0.4240, 0.4171



Tritanopia

14.9141, 0.5325, 0.3264

Trichromacy



Original Color

14.8918, 0.5357, 0.3286

Protanomaly

13.8925, 0.4276, 0.3613

Deuteranomaly

14.1550, 0.4683, 0.3770

Tritanomaly

14.9028, 0.5341, 0.3275

Monochromacy



Original Color

14.8918, 0.5357, 0.3286

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.3140, 0.3925, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8918, 0.5357, 0.3286 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(192, 61, 62)` looks like.

```
.text, #text, p{  
    color:rgb(192, 61, 62)  
}
```

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(192, 61, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 61, 62) }
```

Border

The CSS property to change the border of an element to Yxy 14.8918, 0.5357, 0.3286 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(192, 61, 62) }
```

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

```
.border{ border-color:rgb(192, 61, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 61, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 61, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 61, 62);  
box-shadow:4px 4px 4px 4px rgb(192, 61,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8918, 0.5357, 0.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 61, 62) }
```

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

```
.background{ background-color: rgb(192, 61,  
62) }
```

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