

Converting Colors

$Y_{xy}(15.7093, 0.5714, 0.3241)$

Have a look what the booklet for
Yxy(15.7093, 0.5714, 0.3241)
contains.

Yxy(15.7093, 0.5714, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.7093, 0.5714, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	D02F36
RGB	208, 47, 54
RGB Percent	82%, 18%, 21%
CMY	0.1843, 0.8157, 0.7881
CMYK	0.00, 0.77, 0.74, 0.18
HSL	357°, 63%, 50%
HSV	357°, 77%, 82%
XYZ	27.6961, 15.7093, 5.0652
YIQ	95.9370, 93.7090, 36.3090

Conversions

Conversions Part 2

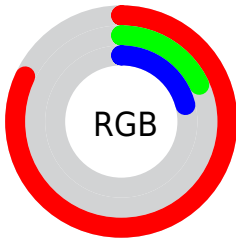
Format	Color
RYB	208, 47, 54
Decimal	13643574
CIELab	46.59, 61.70, 35.99
CIElCh	47, 71.424, 30.253
Yxy	15.7093, 0.5714, 0.3241
Android (android.graphics.Color)	4291833654 (0xFFD02F36)
YUV	95.9370, -20.6749, 98.2793
Hunter-Lab	39.6350, 55.3708, 20.1675

Details

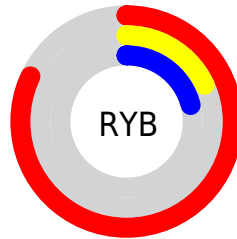
The Yxy color **15.7093, 0.5714, 0.3241** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **49.9341, 0.2327, 0.3390**, and the grayscale version is **11.7164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7150, 0.5004, 0.3351**, and **6.0439, 0.6295, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **14.2744, 0.6087, 0.3257**, and if you desaturate by 10%, it is **18.0142, 0.5259, 0.3233**.

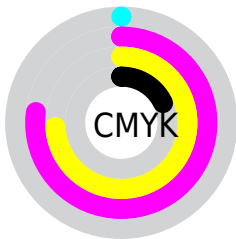
Distribution



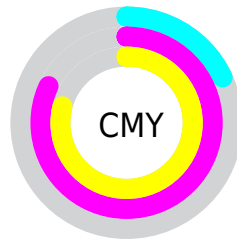
- Red (82%)
- Green (18%)
- Blue (21%)



- Red (82%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (74%)
- Black (18%)




- Cyan (18%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7093, 0.5714, 0.3241 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 15.7093, 0.5714, 0.3241 by changing the saturation by 10% instead.


 15.7093, 0.5714,
0.3241


 15.7093, 0.5714,
0.3241

227.6202, 0.4225,
0.3397


 9.3187, 0.6123,
0.3129


 36.0928, 0.5135,
0.3345


 4.9496, 0.6655,
0.2936

 50.8545, 0.4927,
0.3368


 2.2177, 0.7391,
0.2609

 69.1753, 0.4757,
0.3382

 0.7296, 0.8075,
0.1925

 91.4396, 0.4614,
0.3390

 0.0000, 1.0000,
0.0000

 118.0319, 0.4494,
0.3395

 0.0000, 0.0000,
0.0000

 149.3365, 0.4391,

0.3397

185.7378, 0.4302,
0.3397

■ 15.7093, 0.5714,
0.3241

■ 15.7093, 0.5714,
0.3241

■ 14.2744, 0.6087,
0.3257

■ 18.0142, 0.5259,
0.3233

■ 13.5600, 0.6321,
0.3277


■ 21.2942, 0.4793,
0.3234


■ 13.4303, 0.6361,
0.3278


■ 25.6423, 0.4365,
0.3240


■ 31.1402, 0.3996,
0.3249

■ 37.8614, 0.3692,
0.3260

 45.8735, 0.3445,
0.3272

 55.2389, 0.3248,
0.3282

 66.0163, 0.3089,
0.3293

 78.2606, 0.2962,
0.3302

Harmonies

Analogous

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



15.7093, 0.4805, 0.2499



15.7093, 0.5714, 0.3241



15.7093, 0.5595, 0.4065

Triad

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



15.7093, 0.5714, 0.3241



15.7093, 0.2461, 0.5669



15.7093, 0.1372, 0.1439

Complementary

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



15.7093, 0.5714, 0.3241



49.9341, 0.2327, 0.3390

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.



15.7093, 0.1061, 0.1702



15.7093, 0.5714, 0.3241



15.7093, 0.1526, 0.4038

Square

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



15.7093, 0.5714, 0.3241



15.7093, 0.3630, 0.5868



15.7093, 0.1086, 0.2489



15.7093, 0.2093, 0.1513

Rectangle

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



15.7093, 0.5714, 0.3241



15.7093, 0.5094, 0.4699



15.7093, 0.1086, 0.2489



15.7093, 0.1229, 0.1484

Sweetspot

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



15.7103, 0.5714, 0.3241



65.0171, 0.3583, 0.3265



18.8605, 0.3109, 0.1619



12.9668, 0.3679, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



15.7103, 0.5714, 0.3241



21.7725, 0.6260, 0.3271



26.9175, 0.5009, 0.4064



11.8165, 0.3284, 0.3280



8.3739, 0.6349, 0.3271



0.4712, 0.6186, 0.3181

Inverse Universe

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



15.7103, 0.5714, 0.3241



21.7725, 0.6260, 0.3271



22.6414, 0.1993, 0.2119



11.8165, 0.3284, 0.3280



8.3739, 0.6349, 0.3271



0.4712, 0.6186, 0.3181

Previews

White Background



This preview shows how the Yxy color 15.7093, 0.5714, 0.3241 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 15.7093, 0.5714, 0.3241 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 15.7093, 0.5714, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 15.7093, 0.5714, 0.3241.



This preview shows how white text looks on a background with the Yxy color 15.7093, 0.5714, 0.3241.

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

15.7093, 0.5714, 0.3241

Protanopia

15.9418, 0.3735, 0.4012

Deuteranopia

15.8932, 0.4398, 0.4344



Tritanopia

15.7456, 0.5772, 0.3290

Trichromacy



Original Color

15.7093, 0.5714, 0.3241

Protanomaly

14.1570, 0.4533, 0.3638

Deuteranomaly

14.4969, 0.4972, 0.3817

Tritanomaly

15.7628, 0.5746, 0.3274

Monochromacy



Original Color

15.7093, 0.5714, 0.3241

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3612, 0.4139, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7093, 0.5714, 0.3241 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(208, 47, 54)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 54)  
}
```

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(208, 47, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 54) }
```

Border

The CSS property to change the border of an element to Yxy 15.7093, 0.5714, 0.3241 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(208, 47, 54) }
```

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

```
.border{ border-color:rgb(208, 47, 54) }
```

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

Here you see how a box with a 4 pixel rgb(208, 47, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 54);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7093, 0.5714, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 54) }
```

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

```
.background{ background-color: rgb(208, 47,  
54) }
```

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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