

Converting Colors

$Yxy(14.1846, 0.5407, 0.3203)$

Have a look what the booklet for
Yxy(14.1846, 0.5407, 0.3203)
contains.

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Color

Yxy(14.2037, 0.5402, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	C0363F
RGB	192, 54, 63
RGB Percent	75%, 21%, 25%
CMY	0.2471, 0.7882, 0.7528
CMYK	0.00, 0.72, 0.67, 0.25
HSL	356°, 56%, 48%
HSV	356°, 72%, 75%
XYZ	23.9552, 14.2037, 6.1861
YIQ	96.2880, 79.3590, 32.0550

Conversions

Conversions Part 2

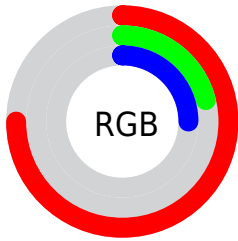
Format	Color
R_{YB}	192, 54, 63
Decimal	12596799
CIE _{Lab}	44.52, 54.95, 27.46
CIE _{LCh}	45, 61.436, 26.555
Yxy	14.2037, 0.5402, 0.3203
Android (android.graphics.Color)	4290786879 (0xFFC0363F)
YUV	96.2880, -16.4110, 83.9394
Hunter-Lab	37.6878, 47.5047, 16.6495

Details

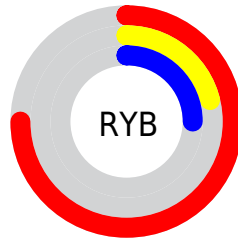
The Yxy color **14.2037, 0.5402, 0.3203** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41.9011, 0.2367, 0.3430**, and the grayscale version is **11.7987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3704, 0.4856, 0.3285**, and **4.8794, 0.6116, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **12.5872, 0.5831, 0.3218**, and if you desaturate by 10%, it is **16.5924, 0.4942, 0.3201**.

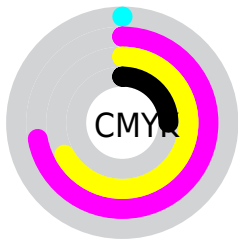
Distribution



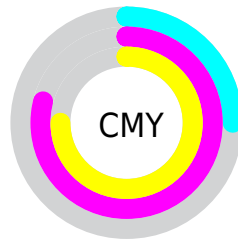
- Red (75%)
- Green (21%)
- Blue (25%)



- Red (75%)
- Yellow (21%)
- Blue (25%)



- Cyan (0%)
- Magenta (72%)
- Yellow (67%)
- Black (25%)




- Cyan (25%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2037, 0.5402, 0.3203 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 14.2037, 0.5402, 0.3203 by changing the saturation by 10% instead.


 14.2037, 0.5402,
0.3203


 14.2037, 0.5402,
0.3203


218.4944, 0.4055,
0.3343

 8.2625, 0.5804,
0.3109


 33.4500, 0.4860,
0.3290


 4.2634, 0.6346,
0.2939

 47.5239, 0.4672,
0.3311


 1.8219, 0.7303,
0.2697

 65.0775, 0.4520,
0.3324

 0.5008, 0.8175,
0.1825

 86.4952, 0.4394,
0.3332

 0.0000, 1.0000,
0.0000

 112.1613, 0.4288,
0.3337

 0.0000, 0.0000,
0.0000

 142.4603, 0.4199,

0.3340

177.7765, 0.4122,
0.3342

■ 14.2037, 0.5402,
0.3203

■ 14.2037, 0.5402,
0.3203

■ 12.5872, 0.5831,
0.3218

■ 16.5924, 0.4942,
0.3201

■ 11.6452, 0.6162,
0.3245

■ 19.8306, 0.4505,
0.3208

■ 11.2342, 0.6335,
0.3263

■ 23.9892, 0.4121,
0.3221

■ 29.1309, 0.3799,
0.3237

■ 35.3128, 0.3536,
0.3254

■ 42.5878, 0.3325,
0.3271

■ 51.0051, 0.3155,
0.3287

■ 60.6110, 0.3019,
0.3302

■ 71.4490, 0.2908,
0.3315

Harmonies

Analogous

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



14.2037, 0.4478, 0.2500



14.2037, 0.5402, 0.3203



14.2037, 0.5452, 0.3978

Triad

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



14.2037, 0.5402, 0.3203



14.2037, 0.2696, 0.5468



14.2037, 0.1453, 0.1595

Complementary

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



14.2037, 0.5402, 0.3203



41.9011, 0.2367, 0.3430

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.



14.2037, 0.1196, 0.1909



14.2037, 0.5402, 0.3203



14.2037, 0.1771, 0.4162

Square

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



14.2037, 0.5402, 0.3203



14.2037, 0.3790, 0.5567



14.2037, 0.1276, 0.2731



14.2037, 0.2084, 0.1624

Rectangle

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



14.2037, 0.5402, 0.3203



14.2037, 0.5069, 0.4545



14.2037, 0.1276, 0.2731



14.2037, 0.1330, 0.1656

Sweetspot

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



14.2045, 0.5402, 0.3203



63.4019, 0.3548, 0.3253



16.4874, 0.3085, 0.1678



12.9097, 0.3615, 0.3249



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.



14.2045, 0.5402, 0.3203



21.7289, 0.6030, 0.3232



23.4631, 0.4864, 0.4019



10.0883, 0.3279, 0.3275



7.5638, 0.6320, 0.3255



0.3306, 0.6037, 0.3099

Inverse Universe

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



14.2045, 0.5402, 0.3203



21.7289, 0.6030, 0.3232



21.1477, 0.2068, 0.2264



10.0883, 0.3279, 0.3275



7.5638, 0.6320, 0.3255



0.3306, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 14.2037, 0.5402, 0.3203 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 14.2037, 0.5402, 0.3203 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 14.2037, 0.5402, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 14.2037, 0.5402, 0.3203.



This preview shows how white text looks on a background with the Yxy color 14.2037, 0.5402, 0.3203.

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

14.2037, 0.5402, 0.3203

Protanopia

14.4433, 0.3538, 0.3778

Deuteranopia

14.3387, 0.4206, 0.4138



Tritanopia

14.2343, 0.5489, 0.3277

Trichromacy



Original Color

14.2037, 0.5402, 0.3203

Protanomaly

13.0890, 0.4233, 0.3492

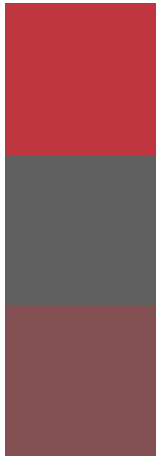
Deuteranomaly

13.4287, 0.4703, 0.3694

Tritanomaly

14.2546, 0.5458, 0.3256

Monochromacy



Original Color

14.2037, 0.5402, 0.3203

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3502, 0.3961, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2037, 0.5402, 0.3203 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, 54, 63)` looks like.

```
.text, #text, p{  
    color:rgb(192, 54, 63)  
}
```

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, 54, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 54, 63) }
```

Border

The CSS property to change the border of an element to Yxy 14.2037, 0.5402, 0.3203 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, 54, 63) }
```

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

```
.border{ border-color:rgb(192, 54, 63) }
```

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

Here you see how a box with a 4 pixel rgb(192, 54, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 54, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 54, 63);  
box-shadow:4px 4px 4px 4px rgb(192, 54,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2037, 0.5402, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 54, 63) }
```

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

```
.background{ background-color: rgb(192, 54,  
63) }
```

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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