

Converting Colors

$Y_{xy}(14.0601, 0.5867, 0.3350)$

Have a look what the booklet for
Yxy(14.0601, 0.5867, 0.3350)
contains.

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Color

Yxy(14.0225, 0.5873, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	C62D26
RGB	198, 45, 38
RGB Percent	78%, 18%, 15%
CMY	0.2236, 0.8234, 0.8509
CMYK	0.00, 0.77, 0.81, 0.22
HSL	3°, 68%, 46%
HSV	3°, 81%, 78%
XYZ	24.5760, 14.0225, 3.2472
YIQ	89.9490, 93.4350, 30.2590

Conversions

Conversions Part 2

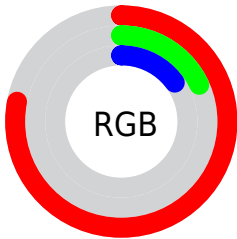
Format	Color
RYB	198, 45, 38
Decimal	12987686
CIELab	44.27, 58.77, 41.88
CIElCh	44, 72.171, 35.474
Yxy	14.0225, 0.5873, 0.3351
Android (android.graphics.Color)	4291177766 (0xFFC62D26)
YUV	89.9490, -25.6109, 94.7607
Hunter-Lab	37.4466, 51.6168, 21.0712

Details

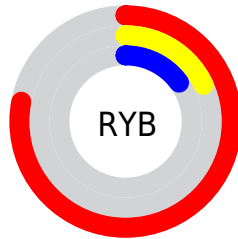
The Yxy color **14.0225, 0.5873, 0.3351** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41.7498, 0.2256, 0.3180**, and the grayscale version is **10.2581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8007, 0.5217, 0.3472**, and **5.2342, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.7919, 0.6196, 0.3335**, and if you desaturate by 10%, it is **15.9703, 0.5443, 0.3359**.

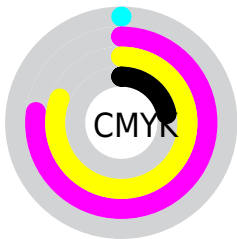
Distribution



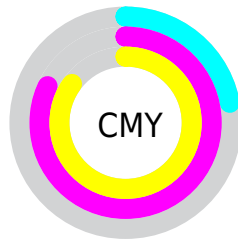
- Red (78%)
- Green (18%)
- Blue (15%)



- Red (78%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (81%)
- Black (22%)





- Cyan (22%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0225, 0.5873, 0.3351 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 14.0225, 0.5873, 0.3351 by changing the saturation by 10% instead.


 14.0225, 0.5873,
0.3351


 14.0225, 0.5873,
0.3351


217.3708, 0.4290,
0.3478


 8.1363, 0.6293,
0.3223


 33.1289, 0.5264,
0.3459


 4.1823, 0.6951,
0.3049

 47.1180, 0.5043,
0.3479

 1.7761, 0.7436,
0.2564

 64.5768, 0.4860,
0.3488


 0.4722, 0.8340,
0.1660

 85.8897, 0.4707,
0.3491

 0.0000, 1.0000,
0.0000


 111.4412, 0.4578,
0.3490


 0.0000, 0.0000,
0.0000


 141.6156, 0.4468,


0.3487


 176.7973, 0.4373,
0.3483


 14.0225, 0.5873,
0.3351

 14.0225, 0.5873,
0.3351


 12.7919, 0.6196,
0.3335

 15.9703, 0.5443,
0.3359

 12.1927, 0.6372,
0.3323

 18.7190, 0.4975,
0.3358

 22.3437, 0.4529,
0.3351

 26.9099, 0.4136,
0.3340

 32.4771, 0.3805,
0.3328

■ 39.0997, 0.3534,
0.3315

■ 46.8284, 0.3316,
0.3302

■ 55.7105, 0.3140,
0.3291

■ 65.7906, 0.2998,
0.3280

Harmonies

Analogous

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



14.0225, 0.5118, 0.2588



14.0225, 0.5873, 0.3351



14.0225, 0.5560, 0.4216

Triad

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



14.0225, 0.5873, 0.3351



14.0225, 0.2217, 0.5590



14.0225, 0.1409, 0.1370

Complementary

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



14.0225, 0.5873, 0.3351



41.7498, 0.2256, 0.3180

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.



14.0225, 0.1030, 0.1565



14.0225, 0.5873, 0.3351



14.0225, 0.1343, 0.3732

Square

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



14.0225, 0.5873, 0.3351



14.0225, 0.3399, 0.6060



14.0225, 0.0990, 0.2248



14.0225, 0.2232, 0.1500

Rectangle

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



14.0225, 0.5873, 0.3351



14.0225, 0.4982, 0.4911



14.0225, 0.0990, 0.2248



14.0225, 0.1241, 0.1395

Sweetspot

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



14.0234, 0.5873, 0.3351



64.8412, 0.3624, 0.3319



17.2278, 0.3272, 0.1679



12.9766, 0.3723, 0.3324



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.



14.0234, 0.5873, 0.3351



21.7247, 0.6341, 0.3319



26.3958, 0.4925, 0.4226



10.7100, 0.3288, 0.3301



7.9626, 0.6364, 0.3329



0.4036, 0.6238, 0.3429

Inverse Universe

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



41.7498, 0.2256, 0.3180



72.0809, 0.2212, 0.3155



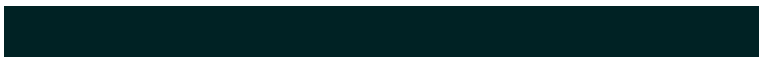
16.2279, 0.1900, 0.1828



11.9849, 0.2984, 0.3279



26.4496, 0.2210, 0.3154



1.2776, 0.2218, 0.3184

Previews

White Background



This preview shows how the Yxy color 14.0225, 0.5873, 0.3351 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 14.0225, 0.5873, 0.3351 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 14.0225, 0.5873, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 14.0225, 0.5873, 0.3351.



This preview shows how white text looks on a background with the Yxy color 14.0225, 0.5873, 0.3351.

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

14.0225, 0.5873, 0.3351

Protanopia

14.3658, 0.3965, 0.4322

Deuteranopia

14.1668, 0.4584, 0.4511



Tritanopia

13.9966, 0.5797, 0.3290

Trichromacy



Original Color

14.0225, 0.5873, 0.3351

Protanomaly

12.6734, 0.4752, 0.3866

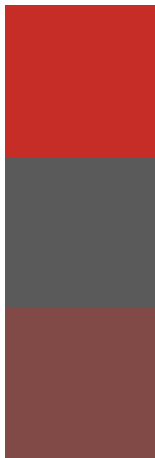
Deuteranomaly

12.9941, 0.5187, 0.3966

Tritanomaly

13.9743, 0.5835, 0.3314

Monochromacy



Original Color

14.0225, 0.5873, 0.3351

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0196, 0.4229, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0225, 0.5873, 0.3351 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(198, 45, 38)` looks like.

```
.text, #text, p{  
    color:rgb(198, 45, 38)  
}
```

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(198, 45, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 45, 38) }
```

Border

The CSS property to change the border of an element to Yxy 14.0225, 0.5873, 0.3351 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(198, 45, 38) }
```

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

```
.border{ border-color:rgb(198, 45, 38) }
```

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

Here you see how a box with a 4 pixel rgb(198, 45, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 45, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 45, 38);  
box-shadow:4px 4px 4px 4px rgb(198, 45,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0225, 0.5873, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 45, 38) }
```

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

```
.background{ background-color: rgb(198, 45,  
38) }
```

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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