

Converting Colors

$Y_{xy}(15.0425, 0.5994, 0.3324)$

Have a look what the booklet for
Yxy(15.0425, 0.5994, 0.3324)
contains.

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Color

Yxy(14.9823, 0.5998, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	D02723
RGB	208, 39, 35
RGB Percent	82%, 15%, 14%
CMY	0.1843, 0.8471, 0.8625
CMYK	0.00, 0.81, 0.83, 0.18
HSL	1°, 71%, 48%
HSV	1°, 83%, 82%
XYZ	27.0430, 14.9823, 3.0614
YIQ	89.0750, 102.0080, 34.5840

Conversions

Conversions Part 2

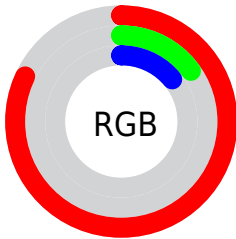
Format	Color
RYB	208, 39, 35
Decimal	13641507
CIELab	45.61, 63.30, 45.41
CIElCh	46, 77.901, 35.655
Yxy	14.9823, 0.5998, 0.3323
Android (android.graphics.Color)	4291831587 (0xFFD02723)
YUV	89.0750, -26.6590, 104.2972
Hunter-Lab	38.7070, 56.9735, 22.4056

Details

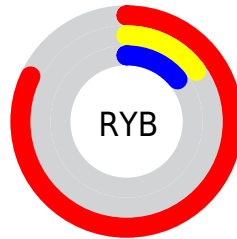
The Yxy color **14.9823, 0.5998, 0.3323** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **48.1291, 0.2261, 0.3230**, and the grayscale version is **10.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.1766, 0.5263, 0.3460**, and **6.0197, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.8976, 0.6276, 0.3314**, and if you desaturate by 10%, it is **16.8563, 0.5589, 0.3328**.

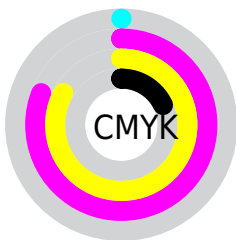
Distribution



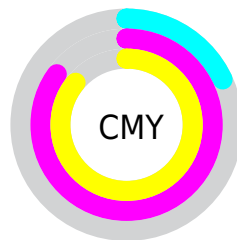
- Red (82%)
- Green (15%)
- Blue (14%)



- Red (82%)
- Yellow (15%)
- Blue (14%)



- Cyan (0%)
- Magenta (81%)
- Yellow (83%)
- Black (18%)




- Cyan (18%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9823, 0.5998, 0.3323 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 14.9823, 0.5998, 0.3323 by changing the saturation by 10% instead.


 14.9823, 0.5998,
0.3323


 14.9823, 0.5998,
0.3323


223.2591, 0.4373,
0.3486


 8.8070, 0.6411,
0.3182


 34.8221, 0.5385,
0.3449


 4.6155, 0.7018,
0.2982

 49.2554, 0.5158,
0.3474


 2.0235, 0.7491,
0.2509

 67.2101, 0.4969,
0.3487

 0.6211, 0.8242,
0.1758

 89.0707, 0.4811,
0.3493


 0.0000, 1.0000,
0.0000


 115.2214, 0.4676,
0.3495

 0.0000, 0.0000,
0.0000

 146.0468, 0.4560,

0.3493


 181.9312, 0.4460,
0.3490


 14.9823, 0.5998,
0.3323

 14.9823, 0.5998,
0.3323


 13.8976, 0.6276,
0.3314


 16.8563, 0.5589,
0.3328

 13.5133, 0.6386,
0.3311

 19.6282, 0.5119,
0.3329

 23.3927, 0.4655,
0.3325

 28.2316, 0.4239,
0.3319

 34.2182, 0.3886,
0.3312

■ 41.4195, 0.3598,
0.3305

■ 49.8973, 0.3365,
0.3298

■ 59.7092, 0.3178,
0.3292

■ 70.9092, 0.3028,
0.3286

Harmonies

Analogous

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



14.9823, 0.5230, 0.2552



14.9823, 0.5998, 0.3323



14.9823, 0.5638, 0.4212

Triad

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



14.9823, 0.5998, 0.3323



14.9823, 0.2144, 0.5735



14.9823, 0.1350, 0.1304

Complementary

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



14.9823, 0.5998, 0.3323



48.1291, 0.2261, 0.3230

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.



14.9823, 0.0964, 0.1493



14.9823, 0.5998, 0.3323



14.9823, 0.1259, 0.3732

Square

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



14.9823, 0.5998, 0.3323



14.9823, 0.3356, 0.6198



14.9823, 0.0915, 0.2180



14.9823, 0.2195, 0.1438

Rectangle

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



14.9823, 0.5998, 0.3323



14.9823, 0.5027, 0.4951



14.9823, 0.0915, 0.2180



14.9823, 0.1179, 0.1327

Sweetspot

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



14.9832, 0.5998, 0.3323



63.0409, 0.3655, 0.3307



19.0298, 0.3240, 0.1638



12.6088, 0.3755, 0.3309



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.



14.9832, 0.5998, 0.3323



21.3861, 0.6390, 0.3308



28.0517, 0.5021, 0.4195



11.8507, 0.3290, 0.3296



8.4410, 0.6382, 0.3314



0.4875, 0.6322, 0.3362

Inverse Universe

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



48.1291, 0.2261, 0.3230



75.0900, 0.2227, 0.3217



18.0232, 0.1886, 0.1824



13.3589, 0.2983, 0.3284



29.5566, 0.2227, 0.3219



1.6676, 0.2231, 0.3232

Previews

White Background



This preview shows how the Yxy color 14.9823, 0.5998, 0.3323 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 14.9823, 0.5998, 0.3323 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 14.9823, 0.5998, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 14.9823, 0.5998, 0.3323.



This preview shows how white text looks on a background with the Yxy color 14.9823, 0.5998, 0.3323.

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

14.9823, 0.5998, 0.3323

Protanopia

15.2593, 0.4018, 0.4381

Deuteranopia

15.1383, 0.4655, 0.4571



Tritanopia

15.0009, 0.5968, 0.3305

Trichromacy



Original Color

14.9823, 0.5998, 0.3323

Protanomaly

13.3102, 0.4887, 0.3872

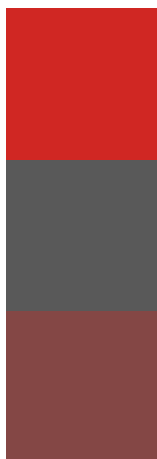
Deuteranomaly

13.5818, 0.5309, 0.3980

Tritanomaly

14.9945, 0.5978, 0.3311

Monochromacy



Original Color

14.9823, 0.5998, 0.3323

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.8417, 0.4348, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9823, 0.5998, 0.3323 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, 39, 35)` looks like.

```
.text, #text, p{  
    color:rgb(208, 39, 35)  
}
```

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, 39, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 39, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.9823, 0.5998, 0.3323 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, 39, 35) }
```

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

```
.border{ border-color:rgb(208, 39, 35) }
```

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

Here you see how a box with a 4 pixel rgb(208, 39, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 39, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 39, 35);  
box-shadow:4px 4px 4px 4px rgb(208, 39,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9823, 0.5998, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 39, 35) }
```

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

```
.background{ background-color: rgb(208, 39,  
35) }
```

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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