

Converting Colors

$Y_{xy}(14.4989, 0.5973, 0.3305)$

Have a look what the booklet for
Yxy(14.4989, 0.5973, 0.3305)
contains.

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Color

Yxy(14.4989, 0.5973, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	CD2625
RGB	205, 38, 37
RGB Percent	80%, 15%, 15%
CMY	0.1961, 0.8509, 0.8549
CMYK	0.00, 0.81, 0.82, 0.20
HSL	0°, 69%, 47%
HSV	0°, 82%, 80%
XYZ	26.2033, 14.4989, 3.1674
YIQ	87.8190, 99.8530, 35.0930

Conversions

Conversions Part 2

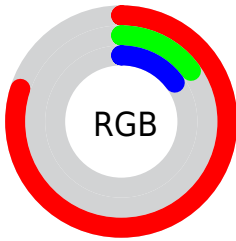
Format	Color
RYB	205, 38, 37
Decimal	13444645
CIELab	44.94, 62.75, 43.56
CIElCh	45, 76.384, 34.769
Yxy	14.4989, 0.5973, 0.3305
Android (android.graphics.Color)	4291634725 (0xFFCD2625)
YUV	87.8190, -25.0538, 102.7677
Hunter-Lab	38.0774, 56.2008, 21.7223

Details

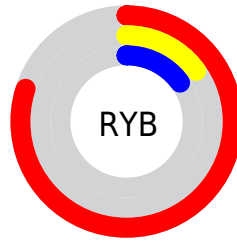
The Yxy color **14.4989, 0.5973, 0.3305** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **47.9733, 0.2276, 0.3272**, and the grayscale version is **9.7589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.9989, 0.5260, 0.3443**, and **5.7508, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.4388, 0.6264, 0.3303**, and if you desaturate by 10%, it is **16.3452, 0.5553, 0.3305**.

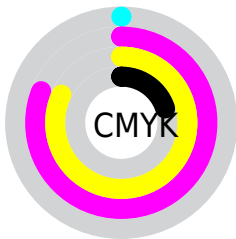
Distribution



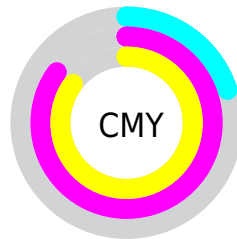
- Red (80%)
- Green (15%)
- Blue (15%)



- Red (80%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (82%)
- Black (20%)





- Cyan (20%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4989, 0.5973, 0.3305 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 14.4989, 0.5973, 0.3305 by changing the saturation by 10% instead.


 14.4989, 0.5973,
0.3305


 14.4989, 0.5973,
0.3305

220.3128, 0.4348,
0.3471


 8.4685, 0.6394,
0.3165


 33.9717, 0.5354,
0.3430


 4.3961, 0.7031,
0.2969

 48.1828, 0.5127,
0.3455

 1.8975, 0.7514,
0.2486

 65.8896, 0.4939,
0.3469

 0.5469, 0.8328,
0.1672

 87.4765, 0.4782,
0.3475


 0.0000, 1.0000,
0.0000


 113.3279, 0.4648,
0.3477


 0.0000, 0.0000,
0.0000


 143.8281, 0.4534,


0.3477

 179.3616, 0.4435,
0.3474

 14.4989, 0.5973,
0.3305


 14.4989, 0.5973,
0.3305


 13.4388, 0.6264,
0.3303


 16.3452, 0.5553,
0.3305


 13.0058, 0.6397,
0.3303


 19.0875, 0.5078,
0.3304

 22.8210, 0.4613,
0.3302

 27.6281, 0.4200,
0.3300

 33.5825, 0.3852,
0.3297

 40.7514, 0.3569,
0.3295

 49.1970, 0.3341,
0.3292

 58.9771, 0.3158,
0.3290

 70.1459, 0.3012,
0.3289

Harmonies

Analogous

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



14.4989, 0.5173, 0.2536



14.4989, 0.5973, 0.3305



14.4989, 0.5647, 0.4184

Triad

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



14.4989, 0.5973, 0.3305



14.4989, 0.2188, 0.5753



14.4989, 0.1343, 0.1315

Complementary

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



14.4989, 0.5973, 0.3305



47.9733, 0.2276, 0.3272

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.



14.4989, 0.0968, 0.1516



14.4989, 0.5973, 0.3305



14.4989, 0.1290, 0.3789

Square

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



14.4989, 0.5973, 0.3305



14.4989, 0.3400, 0.6162



14.4989, 0.0931, 0.2222



14.4989, 0.2169, 0.1440

Rectangle

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



14.4989, 0.5973, 0.3305



14.4989, 0.5052, 0.4914



14.4989, 0.0931, 0.2222



14.4989, 0.1176, 0.1341

Sweetspot

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



14.4998, 0.5973, 0.3305



62.5735, 0.3657, 0.3296



18.7092, 0.3205, 0.1627



12.5015, 0.3759, 0.3297



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.



14.4998, 0.5973, 0.3305



21.4150, 0.6374, 0.3302



26.7861, 0.5027, 0.4163



11.2244, 0.3290, 0.3292



8.1019, 0.6396, 0.3304



0.4219, 0.6378, 0.3318

Inverse Universe

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



47.9733, 0.2276, 0.3272



77.8041, 0.2243, 0.3269



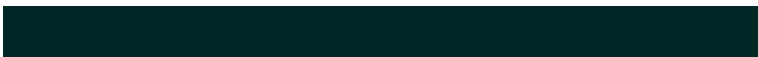
18.4747, 0.1911, 0.1896



12.7148, 0.2984, 0.3288



29.5602, 0.2242, 0.3269



1.5289, 0.2243, 0.3273

Previews

White Background



This preview shows how the Yxy color 14.4989, 0.5973, 0.3305 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 14.4989, 0.5973, 0.3305 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 14.4989, 0.5973, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 14.4989, 0.5973, 0.3305.



This preview shows how white text looks on a background with the Yxy color 14.4989, 0.5973, 0.3305.

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

14.4989, 0.5973, 0.3305

Protanopia

14.6428, 0.3971, 0.4333

Deuteranopia

14.7041, 0.4605, 0.4554



Tritanopia

14.4989, 0.5973, 0.3305

Trichromacy



Original Color

14.4989, 0.5973, 0.3305

Protanomaly

12.7320, 0.4849, 0.3828

Deuteranomaly

13.1401, 0.5263, 0.3956

Tritanomaly

14.4989, 0.5973, 0.3305

Monochromacy



Original Color

14.4989, 0.5973, 0.3305

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.6353, 0.4341, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4989, 0.5973, 0.3305 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(205, 38, 37)` looks like.

```
.text, #text, p{  
  color:rgb(205, 38, 37)  
}
```

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(205, 38, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 38, 37) }
```

Border

The CSS property to change the border of an element to Yxy 14.4989, 0.5973, 0.3305 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(205, 38, 37) }
```

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

```
.border{ border-color:rgb(205, 38, 37) }
```

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

Here you see how a box with a 4 pixel rgb(205, 38, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 38, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 38, 37);  
box-shadow:4px 4px 4px 4px rgb(205, 38,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4989, 0.5973, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 38, 37) }
```

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

```
.background{ background-color: rgb(205, 38,  
37) }
```

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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