

Converting Colors

$Yxy(14.6736, 0.5899, 0.3287)$

Have a look what the booklet for
Yxy(14.6736, 0.5899, 0.3287)
contains.

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Color

Yxy(14.6639, 0.5902, 0.3284)

Conversions

Conversions Part 1

Format	Color
Hex	CD282A
RGB	205, 40, 42
RGB Percent	80%, 16%, 16%
CMY	0.1961, 0.8431, 0.8352
CMYK	0.00, 0.80, 0.79, 0.20
HSL	359°, 67%, 48%
HSV	359°, 80%, 80%
XYZ	26.3539, 14.6639, 3.6347
YIQ	89.5630, 97.6980, 35.6020

Conversions

Conversions Part 2

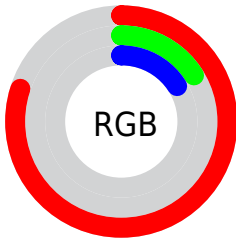
Format	Color
R _Y B	205, 40, 42
Decimal	13445162
CIE Lab	45.17, 62.38, 41.07
CIE LCh	45, 74.682, 33.361
Yxy	14.6639, 0.5902, 0.3284
Android (android.graphics.Color)	4291635242 (0xFFCD282A)
YUV	89.5630, -23.4486, 101.2382
Hunter-Lab	38.2935, 55.8319, 21.1778

Details

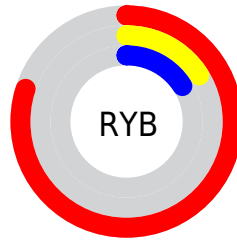
The Yxy color **14.6639, 0.5902, 0.3284** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **48.4245, 0.2294, 0.3317**, and the grayscale version is **10.1607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4840, 0.5179, 0.3412**, and **5.7508, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.5194, 0.6221, 0.3290**, and if you desaturate by 10%, it is **16.6155, 0.5467, 0.3280**.

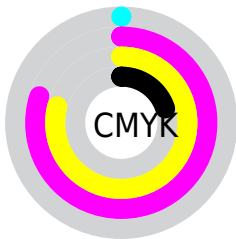
Distribution



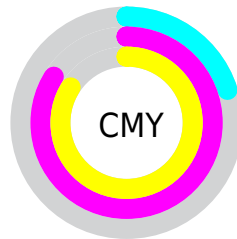
- Red (80%)
- Green (16%)
- Blue (16%)



- Red (80%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (80%)
- Yellow (79%)
- Black (20%)




- Cyan (20%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6639, 0.5902, 0.3284 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 14.6639, 0.5902, 0.3284 by changing the saturation by 10% instead.


 14.6639, 0.5902,
0.3284


 14.6639, 0.5902,
0.3284


221.3228, 0.4310,
0.3447


 8.5838, 0.6324,
0.3152


 34.2625, 0.5291,
0.3403


 4.4708, 0.6936,
0.2956


 48.5498, 0.5068,
0.3427


 1.9402, 0.7490,
0.2510

 66.3416, 0.4884,
0.3441

 0.5724, 0.8281,
0.1719

 88.0224, 0.4731,
0.3448

 0.0000, 1.0000,
0.0000

 113.9765, 0.4601,
0.3451

 0.0000, 0.0000,
0.0000

 144.5884, 0.4490,

0.3451

180.2423, 0.4393,
0.3449

■ 14.6639, 0.5902,
0.3284

■ 14.6639, 0.5902,
0.3284

■ 13.5194, 0.6221,
0.3290

■ 16.6155, 0.5467,
0.3280

■ 12.9845, 0.6389,
0.3293

■ 19.4829, 0.4991,
0.3278


■ 23.3609, 0.4535,
0.3278


■ 28.3317, 0.4135,
0.3280

■ 34.4692, 0.3800,
0.3282

 41.8408, 0.3528,
0.3285

 50.5087, 0.3309,
0.3287

 60.5310, 0.3135,
0.3290

 71.9623, 0.2995,
0.3292

Harmonies

Analogous

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



14.6639, 0.5060, 0.2522



14.6639, 0.5902, 0.3284



14.6639, 0.5637, 0.4143

Triad

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



14.6639, 0.5902, 0.3284



14.6639, 0.2273, 0.5740



14.6639, 0.1347, 0.1349

Complementary

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



14.6639, 0.5902, 0.3284



48.4245, 0.2294, 0.3317

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.



14.6639, 0.0992, 0.1569



14.6639, 0.5902, 0.3284



14.6639, 0.1359, 0.3875

Square

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



14.6639, 0.5902, 0.3284



14.6639, 0.3474, 0.6075



14.6639, 0.0974, 0.2302



14.6639, 0.2140, 0.1459

Rectangle

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



14.6639, 0.5902, 0.3284



14.6639, 0.5071, 0.4844



14.6639, 0.0974, 0.2302



14.6639, 0.1188, 0.1381

Sweetspot

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



14.6648, 0.5902, 0.3284



63.6743, 0.3625, 0.3284



18.5175, 0.3172, 0.1622



12.7067, 0.3724, 0.3283



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.



14.6648, 0.5902, 0.3284



21.4495, 0.6357, 0.3295



26.5066, 0.5025, 0.4130



11.2159, 0.3288, 0.3288



8.0844, 0.6386, 0.3292



0.4179, 0.6335, 0.3264

Inverse Universe

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



14.6648, 0.5902, 0.3284



21.4495, 0.6357, 0.3295



19.5911, 0.1938, 0.1971



11.2159, 0.3288, 0.3288



8.0844, 0.6386, 0.3292



0.4179, 0.6335, 0.3264

Previews

White Background



This preview shows how the Yxy color 14.6639, 0.5902, 0.3284 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



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 14.6639, 0.5902, 0.3284

Background



This preview shows how black text looks on a background with the Yxy color 14.6639, 0.5902, 0.3284.



This preview shows how white text looks on a background with the Yxy color 14.6639, 0.5902, 0.3284.

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

14.6639, 0.5902, 0.3284

Protanopia

14.9136, 0.3889, 0.4241

Deuteranopia

14.8208, 0.4567, 0.4478



Tritanopia

14.6499, 0.5925, 0.3298

Trichromacy



Original Color

14.6639, 0.5902, 0.3284

Protanomaly

12.9369, 0.4749, 0.3761

Deuteranomaly

13.2788, 0.5209, 0.3893

Tritanomaly

14.6568, 0.5914, 0.3291

Monochromacy



Original Color

14.6639, 0.5902, 0.3284

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0213, 0.4259, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6639, 0.5902, 0.3284 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, 40, 42)` looks like.

```
.text, #text, p{  
    color:rgb(205, 40, 42)  
}
```

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, 40, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 40, 42) }
```

Border

The CSS property to change the border of an element to Yxy 14.6639, 0.5902, 0.3284 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, 40, 42) }
```

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

```
.border{ border-color:rgb(205, 40, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 40, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 40, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 40, 42);  
box-shadow:4px 4px 4px 4px rgb(205, 40,  
42) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6639, 0.5902, 0.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 40, 42) }
```

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

```
.background{ background-color: rgb(205, 40,  
42) }
```

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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