

Converting Colors

$Yxy(14.0351, 0.5986, 0.3315)$

Have a look what the booklet for
Yxy(14.0351, 0.5986, 0.3315)
contains.

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Color

Yxy(14.0641, 0.5982, 0.3318)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CA2623 |
| RGB | 202, 38, 35 |
| RGB Percent | 79%, 15%, 14% |
| CMY | 0.2078, 0.8510, 0.8628 |
| CMYK | 0.00, 0.81, 0.83, 0.21 |
| HSL | 1°, 70%, 46% |
| HSV | 1°, 83%, 79% |
| XYZ | 25.3561, 14.0641, 2.9671 |
| YIQ | 86.6940, 98.7070, 33.8350 |

Conversions

Conversions Part 2

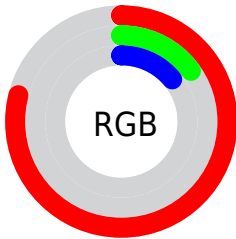
| Format | Color |
|-------------------------------------|--|
| RYB | 202, 38, 35 |
| Decimal | 13248035 |
| CIELab | 44.32, 61.85, 43.82 |
| CIElCh | 44, 75.804, 35.318 |
| Yxy | 14.0641, 0.5982, 0.3318 |
| Android (android.graphics.Color) | 4291438115 (0xFFCA2623) |
| YUV | 86.6940, -25.4851, 101.1234 |
| Hunter-Lab | 37.5021, 55.0593, 21.5606 |

Details

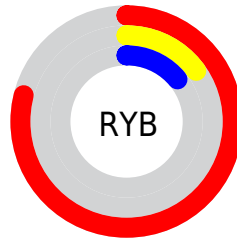
The Yxy color **14.0641, 0.5982, 0.3318** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45.4736, 0.2266, 0.3243**, and the grayscale version is **9.5001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.9684, 0.5282, 0.3459**, and **5.4890, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.0296, 0.6267, 0.3311**, and if you desaturate by 10%, it is **15.8445, 0.5568, 0.3322**.

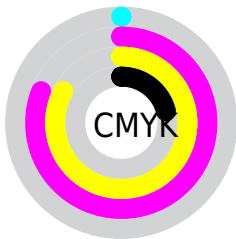
Distribution



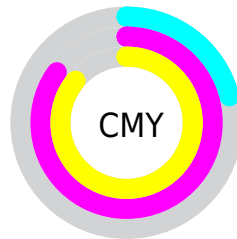
- Red (79%)
- Green (15%)
- Blue (14%)



- Red (79%)
- Yellow (15%)
- Blue (14%)



- Cyan (0%)
- Magenta (81%)
- Yellow (83%)
- Black (21%)





- Cyan (21%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0641, 0.5982, 0.3318 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 14.0641, 0.5982, 0.3318 by changing the saturation by 10% instead.


 14.0641, 0.5982,
0.3318


 14.0641, 0.5982,
0.3318


217.6292, 0.4347,
0.3479


 8.1653, 0.6406,
0.3175


 33.2027, 0.5359,
0.3443


 4.2009, 0.7032,
0.2968

 47.2113, 0.5130,
0.3468


 1.7866, 0.7524,
0.2476

 64.6919, 0.4941,
0.3481

 0.4788, 0.8413,
0.1587

 86.0289, 0.4783,
0.3487


 0.0000, 1.0000,
0.0000


 111.6068, 0.4648,
0.3488


 0.0000, 0.0000,
0.0000


 141.8099, 0.4533,

0.3487

 177.0225, 0.4434,
0.3483

 14.0641, 0.5982,
0.3318

 14.0641, 0.5982,
0.3318


 13.0296, 0.6267,
0.3311

 15.8445, 0.5568,
0.3322

 12.6371, 0.6389,
0.3309

 18.4727, 0.5097,
0.3322


 22.0376, 0.4634,
0.3318


 26.6163, 0.4220,
0.3313

 32.2776, 0.3871,
0.3308

 39.0845, 0.3585,
0.3302

 47.0952, 0.3355,
0.3296

 56.3639, 0.3170,
0.3291

 66.9415, 0.3022,
0.3287

Harmonies

Analogous

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



14.0641, 0.5202, 0.2548



14.0641, 0.5982, 0.3318



14.0641, 0.5639, 0.4203

Triad

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



14.0641, 0.5982, 0.3318



14.0641, 0.2165, 0.5734



14.0641, 0.1350, 0.1311

Complementary

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



14.0641, 0.5982, 0.3318



45.4736, 0.2266, 0.3243

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.



14.0641, 0.0969, 0.1505



14.0641, 0.5982, 0.3318



14.0641, 0.1275, 0.3753

Square

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



14.0641, 0.5982, 0.3318



14.0641, 0.3375, 0.6177



14.0641, 0.0925, 0.2199



14.0641, 0.2188, 0.1443

Rectangle

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



14.0641, 0.5982, 0.3318



14.0641, 0.5039, 0.4940



14.0641, 0.0925, 0.2199



14.0641, 0.1181, 0.1336

Sweetspot

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



14.0650, 0.5982, 0.3318



62.9060, 0.3655, 0.3304



17.8936, 0.3240, 0.1642



12.5778, 0.3756, 0.3306



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.



14.0650, 0.5982, 0.3318



21.4194, 0.6380, 0.3307



26.4231, 0.5007, 0.4195



11.2454, 0.3290, 0.3295



8.1447, 0.6386, 0.3312



0.4318, 0.6335, 0.3352

Inverse Universe

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



45.4736, 0.2266, 0.3243



75.8954, 0.2232, 0.3232



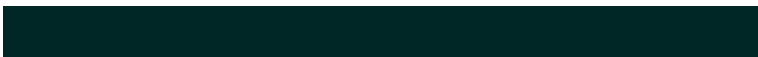
17.0471, 0.1892, 0.1836



12.6911, 0.2984, 0.3285



28.8571, 0.2232, 0.3233



1.5000, 0.2235, 0.3245

Previews

White Background



This preview shows how the Yxy color 14.0641, 0.5982, 0.3318 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 14.0641, 0.5982, 0.3318 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 14.0641, 0.5982, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 14.0641, 0.5982, 0.3318.



This preview shows how white text looks on a background with the Yxy color 14.0641, 0.5982, 0.3318.

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

14.0641, 0.5982, 0.3318

Protanopia

14.3379, 0.4000, 0.4375

Deuteranopia

14.2231, 0.4640, 0.4555



Tritanopia

14.0764, 0.5960, 0.3305

Trichromacy



Original Color

14.0641, 0.5982, 0.3318

Protanomaly

12.3780, 0.4863, 0.3847

Deuteranomaly

12.7446, 0.5302, 0.3948

Tritanomaly

14.0702, 0.5971, 0.3312

Monochromacy



Original Color

14.0641, 0.5982, 0.3318

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.3407, 0.4336, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0641, 0.5982, 0.3318 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(202, 38, 35)` looks like.

```
.text, #text, p{  
    color:rgb(202, 38, 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(202, 38, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 38, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.0641, 0.5982, 0.3318 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(202, 38, 35) }
```

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

```
.border{ border-color:rgb(202, 38, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 38, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 38, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 38, 35);  
box-shadow:4px 4px 4px 4px rgb(202, 38,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0641, 0.5982, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 38, 35) }
```

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

```
.background{ background-color: rgb(202, 38,  
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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