

Converting Colors

$Yxy(14.0267, 0.5681, 0.3389)$

Have a look what the booklet for
Yxy(14.0267, 0.5681, 0.3389)
contains.

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Color

Yxy(14.0267, 0.5681, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	C0362C
RGB	192, 54, 44
RGB Percent	75%, 21%, 17%
CMY	0.2470, 0.7882, 0.8275
CMYK	0.00, 0.72, 0.77, 0.25
HSL	4°, 63%, 46%
HSV	4°, 77%, 75%
XYZ	23.5130, 14.0267, 3.8492
YIQ	94.1220, 85.4580, 26.1460

Conversions

Conversions Part 2

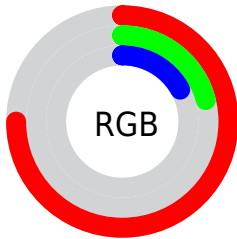
Format	Color
RYB	192, 55, 44
Decimal	12596780
CIELab	44.27, 54.09, 38.28
CIELCh	44, 66.261, 35.286
Yxy	14.0267, 0.5681, 0.3389
Android (android.graphics.Color)	4290786860 (0xFFC0362C)
YUV	94.1220, -24.7101, 85.8390
Hunter-Lab	37.4522, 46.5234, 20.1230

Details

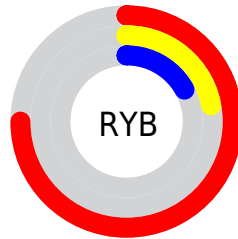
The Yxy color **14.0267, 0.5681, 0.3389** is a dark color, and the websafe version is hex **CC3333**, and the color name is [international orange \(golden gate bridge\)](#). The color can be described as dark muted red. A complement of this color would be **37.7912, 0.2258, 0.3128**, and the grayscale version is **11.2683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1672, 0.5094, 0.3469**, and **4.8253, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.5444, 0.6056, 0.3369**, and if you desaturate by 10%, it is **16.1904, 0.5233, 0.3395**.

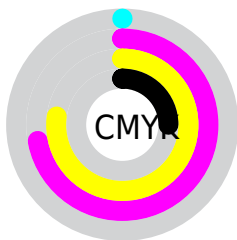
Distribution



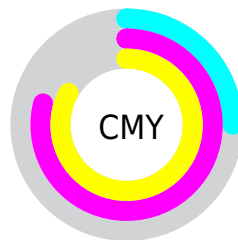
- Red (75%)
- Green (21%)
- Blue (17%)



- Red (75%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (72%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0267, 0.5681, 0.3389 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 14.0267, 0.5681, 0.3389 by changing the saturation by 10% instead.


 14.0267, 0.5681,
0.3389


 14.0267, 0.5681,
0.3389


217.3969, 0.4194,
0.3469

 8.1392, 0.6092,
0.3285


 33.1364, 0.5099,
0.3470


 4.1842, 0.6693,
0.3121

 47.1274, 0.4891,
0.3483


 1.7771, 0.7290,
0.2710

 64.5884, 0.4721,
0.3487

 0.4728, 0.8199,
0.1801

 85.9038, 0.4579,
0.3487

 0.0000, 1.0000,
0.0000

 111.4579, 0.4460,
0.3484

 0.0000, 0.0000,
0.0000

 141.6352, 0.4358,

0.3479

176.8201, 0.4270,
0.3474

■ 14.0267, 0.5681,
0.3389

■ 14.0267, 0.5681,
0.3389

■ 12.5444, 0.6056,
0.3369

■ 16.1904, 0.5233,
0.3395

■ 11.6586, 0.6301,
0.3341

■ 19.1016, 0.4777,
0.3390

■ 11.4951, 0.6353,
0.3337

■ 22.8213, 0.4357,
0.3377

■ 27.4035, 0.3994,
0.3359

■ 32.8976, 0.3692,
0.3340

■ 39.3493, 0.3445,
0.3320

■ 46.8011, 0.3245,
0.3302

■ 55.2930, 0.3084,
0.3285

■ 64.8628, 0.2952,
0.3270

Harmonies

Analogous

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



14.0267, 0.4955, 0.2644



14.0267, 0.5681, 0.3389



14.0267, 0.5437, 0.4221

Triad

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



14.0267, 0.5681, 0.3389



14.0267, 0.2317, 0.5375



14.0267, 0.1504, 0.1475

Complementary

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



14.0267, 0.5681, 0.3389



37.7912, 0.2258, 0.3128

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.



14.0267, 0.1136, 0.1676



14.0267, 0.5681, 0.3389



14.0267, 0.1469, 0.3722

Square

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



14.0267, 0.5681, 0.3389



14.0267, 0.3447, 0.5850



14.0267, 0.1107, 0.2347



14.0267, 0.2292, 0.1597

Rectangle

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



14.0267, 0.5681, 0.3389



14.0267, 0.4904, 0.4848



14.0267, 0.1107, 0.2347



14.0267, 0.1340, 0.1503

Sweetspot

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



14.0275, 0.5681, 0.3389



63.7517, 0.3594, 0.3332



16.3904, 0.3332, 0.1756



12.8058, 0.3690, 0.3339



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0275, 0.5681, 0.3389



21.4478, 0.6250, 0.3347



26.7914, 0.4771, 0.4275



10.1849, 0.3287, 0.3306



7.7772, 0.6343, 0.3345



0.3745, 0.6142, 0.3505

Inverse Universe

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



37.7912, 0.2258, 0.3128



65.9606, 0.2199, 0.3089



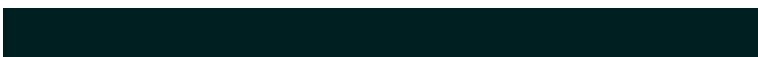
15.0928, 0.1920, 0.1819



11.3079, 0.2984, 0.3274



24.3018, 0.2189, 0.3080



1.0857, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 14.0267, 0.5681, 0.3389 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 14.0267, 0.5681, 0.3389 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 14.0267, 0.5681, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 14.0267, 0.5681, 0.3389.



This preview shows how white text looks on a background with the Yxy color 14.0267, 0.5681, 0.3389.

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

14.0267, 0.5681, 0.3389

Protanopia

14.3473, 0.3889, 0.4236

Deuteranopia

14.1354, 0.4491, 0.4420



Tritanopia

14.0285, 0.5537, 0.3278

Trichromacy



Original Color

14.0267, 0.5681, 0.3389

Protanomaly

13.0120, 0.4612, 0.3853

Deuteranomaly

13.1965, 0.5011, 0.3944

Tritanomaly

13.9917, 0.5596, 0.3316

Monochromacy



Original Color

14.0267, 0.5681, 0.3389

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8596, 0.4107, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0267, 0.5681, 0.3389 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(192, 54, 44)` looks like.

```
.text, #text, p{  
    color:rgb(192, 54, 44)  
}
```

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(192, 54, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 54, 44) }
```

Border

The CSS property to change the border of an element to Yxy 14.0267, 0.5681, 0.3389 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(192, 54, 44) }
```

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

```
.border{ border-color:rgb(192, 54, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 54, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 54, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 54, 44);  
box-shadow:4px 4px 4px 4px rgb(192, 54,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0267, 0.5681, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 54, 44) }
```

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

```
.background{ background-color: rgb(192, 54,  
44) }
```

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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