

Converting Colors

$Y_{xy}(17.0909, 0.5952, 0.3461)$

Have a look what the booklet for
Yxy(17.0909, 0.5952, 0.3461)
contains.

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Color

Yxy(17.0232, 0.5950, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	D6361D
RGB	214, 54, 29
RGB Percent	84%, 21%, 11%
CMY	0.1608, 0.7882, 0.8864
CMYK	0.00, 0.75, 0.86, 0.16
HSL	8°, 76%, 48%
HSV	8°, 86%, 84%
XYZ	29.2740, 17.0232, 2.9028
YIQ	98.9900, 103.3850, 26.1450

Conversions

Conversions Part 2

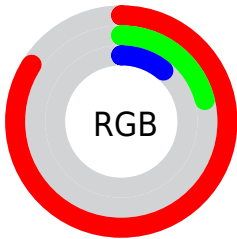
Format	Color
RYB	214, 58, 29
Decimal	14038557
CIELab	48.29, 60.55, 51.10
CIELCh	48, 79.232, 40.158
Yxy	17.0232, 0.5950, 0.3460
Android (android.graphics.Color)	4292228637 (0xFFD6361D)
YUV	98.9900, -34.5051, 100.8638
Hunter-Lab	41.2592, 54.4448, 24.7101

Details

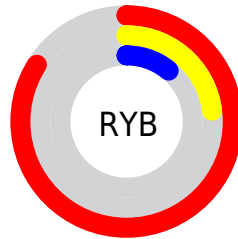
The Yxy color **17.0232, 0.5950, 0.3460** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **41.4984, 0.2166, 0.2915**, and the grayscale version is **12.5431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3842, 0.5220, 0.3602**, and **6.4840, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.5453, 0.6218, 0.3405**, and if you desaturate by 10%, it is **19.2311, 0.5571, 0.3493**.

Distribution



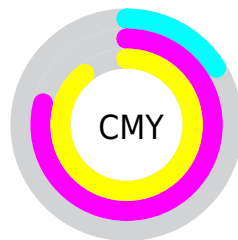
- Red (84%)
- Green (21%)
- Blue (11%)



- Red (84%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (75%)
- Yellow (86%)
- Black (16%)




- Cyan (16%)
- Magenta (79%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0232, 0.5950, 0.3460 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 17.0232, 0.5950, 0.3460 by changing the saturation by 10% instead.

 17.0232, 0.5950,
0.3460

 17.0232, 0.5950,
0.3460


235.3060, 0.4395,
0.3560


 10.2510, 0.6324,
0.3336


 38.3657, 0.5379,
0.3564


 5.5657, 0.6848,
0.3152

 53.7047, 0.5162,
0.3581


 2.5829, 0.7270,
0.2730

 72.6683, 0.4981,
0.3587

 0.9181, 0.7889,
0.2111

 95.6406, 0.4827,
0.3586

 0.0000, 1.0000,
0.0000


 123.0061, 0.4695,
0.3582

 0.0000, 0.0000,
0.0000


 155.1493, 0.4581,


0.3576


 192.4545, 0.4482,
0.3569

 17.0232, 0.5950,
0.3460

 17.0232, 0.5950,
0.3460


 15.5453, 0.6218,
0.3405

 19.2311, 0.5571,
0.3493

 15.1739, 0.6290,
0.3388

 22.2461, 0.5136,
0.3501

 26.1382, 0.4701,
0.3487

 30.9690, 0.4303,
0.3459

 36.7943, 0.3958,
0.3424

■ 43.6658, 0.3668,
0.3386

■ 51.6313, 0.3429,
0.3348

■ 60.7359, 0.3234,
0.3312

■ 71.0220, 0.3074,
0.3279

Harmonies

Analogous

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



17.0232, 0.5367, 0.2683



17.0232, 0.5950, 0.3460



17.0232, 0.5478, 0.4365

Triad

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



17.0232, 0.5950, 0.3460



17.0232, 0.2013, 0.5422



17.0232, 0.1472, 0.1336

Complementary

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



17.0232, 0.5950, 0.3460



41.4984, 0.2166, 0.2915

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.



17.0232, 0.1030, 0.1472



17.0232, 0.5950, 0.3460



17.0232, 0.1213, 0.3440

Square

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



17.0232, 0.5950, 0.3460



17.0232, 0.3188, 0.6183



17.0232, 0.0935, 0.2062



17.0232, 0.2391, 0.1514

Rectangle

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



17.0232, 0.5950, 0.3460



17.0232, 0.4826, 0.5090



17.0232, 0.0935, 0.2062



17.0232, 0.1280, 0.1344

Sweetspot

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



17.0242, 0.5950, 0.3460



65.1589, 0.3663, 0.3385



18.8629, 0.3519, 0.1775



13.1402, 0.3758, 0.3398



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.



17.0242, 0.5950, 0.3460



22.4330, 0.6301, 0.3379



34.9924, 0.4834, 0.4421



12.6890, 0.3288, 0.3322



9.2585, 0.6272, 0.3402



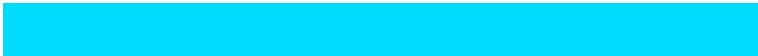
0.6485, 0.5998, 0.3620

Inverse Universe

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



41.4984, 0.2166, 0.2915



58.6676, 0.2124, 0.2847



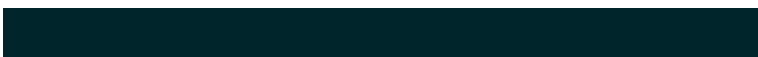
13.6309, 0.1762, 0.1421



13.8079, 0.2983, 0.3258



24.0307, 0.2127, 0.2859



1.5305, 0.2150, 0.2940

Previews

White Background



This preview shows how the Yxy color 17.0232, 0.5950, 0.3460 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 17.0232, 0.5950, 0.3460 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 17.0232, 0.5950, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 17.0232, 0.5950, 0.3460.



This preview shows how white text looks on a background with the Yxy color 17.0232, 0.5950, 0.3460.

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

17.0232, 0.5950, 0.3460

Protanopia

17.3398, 0.4146, 0.4564

Deuteranopia

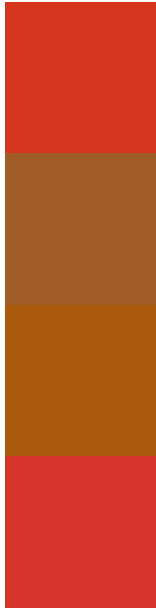
17.0483, 0.4714, 0.4639



Tritanopia

17.0718, 0.5739, 0.3282

Trichromacy



Original Color

17.0232, 0.5950, 0.3460

Protanomaly

15.4488, 0.4924, 0.4051

Deuteranomaly

15.8268, 0.5299, 0.4106

Tritanomaly

17.0849, 0.5836, 0.3356

Monochromacy



Original Color

17.0232, 0.5950, 0.3460

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.3436, 0.4288, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0232, 0.5950, 0.3460 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(214, 54, 29)` looks like.

```
.text, #text, p{  
  color:rgb(214, 54, 29)  
}
```

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(214, 54, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 54, 29) }
```

Border

The CSS property to change the border of an element to Yxy 17.0232, 0.5950, 0.3460 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(214, 54, 29) }
```

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

```
.border{ border-color:rgb(214, 54, 29) }
```

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

Here you see how a box with a 4 pixel rgb(214, 54, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 54, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 54, 29);  
box-shadow:4px 4px 4px 4px rgb(214, 54,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0232, 0.5950, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 54, 29) }
```

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

```
.background{ background-color: rgb(214, 54,  
29) }
```

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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