

Converting Colors

$Yxy(29.3544, 0.5173, 0.3992)$

Have a look what the booklet for
Yxy(29.3544, 0.5173, 0.3992)
contains.

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Color

Yxy(29.3907, 0.5175, 0.3990)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E1772D |
| RGB | 225, 119, 45 |
| RGB Percent | 88%, 47%, 18% |
| CMY | 0.1177, 0.5333, 0.8234 |
| CMYK | 0.00, 0.47, 0.80, 0.12 |
| HSL | 25°, 75%, 53% |
| HSV | 25°, 80%, 88% |
| XYZ | 38.1195, 29.3907, 6.1507 |
| YIQ | 142.2580, 86.9300, -0.5420 |

Conversions

Conversions Part 2

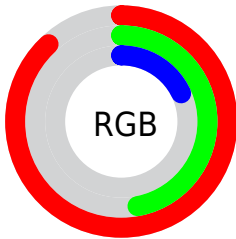
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 225, 171, 45 |
| Decimal | 14776109 |
| CIE Lab | 61.12, 36.29, 56.23 |
| CIE LCh | 61, 66.929, 57.162 |
| Yxy | 29.3907, 0.5175, 0.3990 |
| Android (android.graphics.Color) | 4292966189 (0xFFE1772D) |
| YUV | 142.2580, -47.9482, 72.5647 |
| Hunter-Lab | 54.2132, 30.6376, 31.2226 |

Details

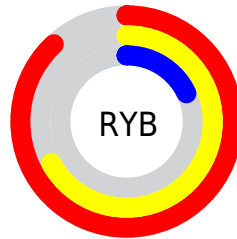
The Yxy color **29.3907, 0.5175, 0.3990** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **28.1328, 0.1993, 0.2178**, and the grayscale version is **27.3291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6096, 0.4551, 0.4042**, and **11.9208, 0.5632, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **26.3250, 0.5454, 0.3952**, and if you desaturate by 10%, it is **32.9915, 0.4864, 0.3975**.

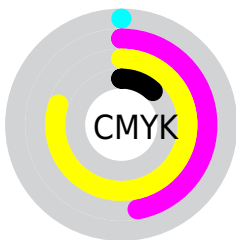
Distribution



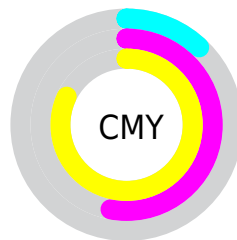
- Red (88%)
- Green (47%)
- Blue (18%)



- Red (88%)
- Yellow (67%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (80%)
- Black (12%)




- Cyan (12%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3907, 0.5175, 0.3990 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 29.3907, 0.5175, 0.3990 by changing the saturation by 10% instead.

 29.3907, 0.5175,
0.3990


 29.3907, 0.5175,
0.3990


299.0539, 0.4127,
0.3747

 19.3766, 0.5413,
0.3995


 58.6973, 0.4804,
0.3939


 11.9427, 0.5693,
0.3966


 78.7585, 0.4661,
0.3908


 6.7047, 0.6088,
0.3912


 102.9375, 0.4538,
0.3877

 3.2781, 0.6370,
0.3630

 131.6188, 0.4432,
0.3847

 1.2786, 0.6814,
0.3186

 165.1867, 0.4340,
0.3819

 0.1245, 0.8907,
0.1093

 204.0256, 0.4260,

 0.0000, 0.0000,

0.3793

0.0000

248.5199, 0.4189,
0.3769

■ 29.3907, 0.5175,
0.3990

■ 29.3907, 0.5175,
0.3990

■ 26.3250, 0.5454,
0.3952

■ 32.9915, 0.4864,
0.3975

■ 23.7492, 0.5686,
0.3867

■ 37.1526, 0.4545,
0.3918

■ 23.7443, 0.5686,
0.3867

■ 41.9026, 0.4238,
0.3830

■ 47.2662, 0.3955,
0.3726

■ 53.2667, 0.3703,
0.3614

■ 59.9257, 0.3482,
0.3501

■ 67.2641, 0.3291,
0.3392

■ 75.3014, 0.3127,
0.3290

■ 84.0566, 0.2986,
0.3194

Harmonies

Analogous

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



29.3907, 0.5099, 0.3273



29.3907, 0.5175, 0.3990



29.3907, 0.4634, 0.4732

Triad

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



29.3907, 0.5175, 0.3990



29.3907, 0.1943, 0.4009



29.3907, 0.2233, 0.1804

Complementary

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



29.3907, 0.5175, 0.3990



28.1328, 0.1993, 0.2178

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.



29.3907, 0.1642, 0.1780



29.3907, 0.5175, 0.3990



29.3907, 0.1481, 0.2816

Square

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



29.3907, 0.5175, 0.3990



29.3907, 0.2776, 0.5093



29.3907, 0.1397, 0.2080



29.3907, 0.3188, 0.2099

Rectangle

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



29.3907, 0.5175, 0.3990



29.3907, 0.4070, 0.5146



29.3907, 0.1397, 0.2080



29.3907, 0.1994, 0.1765

Sweetspot

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



29.3923, 0.5175, 0.3990



75.7872, 0.3571, 0.3548



20.1857, 0.4194, 0.2244



15.5491, 0.3651, 0.3589



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.



29.3923, 0.5175, 0.3990



32.6146, 0.5611, 0.3897



60.8171, 0.4271, 0.4825



14.6213, 0.3282, 0.3387



13.9017, 0.5659, 0.3889



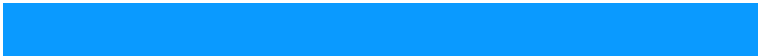
1.1368, 0.5382, 0.4109

Inverse Universe

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



28.1328, 0.1993, 0.2178



30.5187, 0.1871, 0.1917



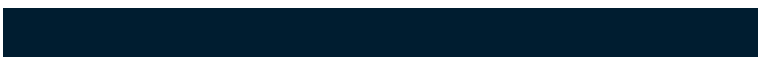
9.5537, 0.1675, 0.0973



14.5782, 0.2981, 0.3191



12.9571, 0.1858, 0.1889



1.0732, 0.1924, 0.2127

Previews

White Background



This preview shows how the Yxy color 29.3907, 0.5175, 0.3990 looks on a white 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

Black Background



This preview shows how the Yxy color 29.3907, 0.5175, 0.3990 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.3907, 0.5175, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 29.3907, 0.5175, 0.3990.



This preview shows how white text looks on a background with the Yxy color 29.3907, 0.5175, 0.3990.

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

29.3907, 0.5175, 0.3990

Protanopia

29.4362, 0.4191, 0.4612

Deuteranopia

29.3288, 0.4601, 0.4504



Tritanopia

29.4142, 0.4494, 0.3215

Trichromacy



Original Color

29.3907, 0.5175, 0.3990

Protanomaly

28.6864, 0.4570, 0.4368

Deuteranomaly

28.9351, 0.4824, 0.4301

Tritanomaly

29.3651, 0.4799, 0.3546

Monochromacy



Original Color

29.3907, 0.5175, 0.3990

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.8824, 0.3879, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3907, 0.5175, 0.3990 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(225, 119, 45)` looks like.

```
.text, #text, p{  
    color:rgb(225, 119, 45)  
}
```

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(225, 119, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 119, 45) }
```

Border

The CSS property to change the border of an element to Yxy 29.3907, 0.5175, 0.3990 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(225, 119, 45) }
```

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

```
.border{ border-color:rgb(225, 119, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 119, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 119, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 119, 45);  
box-shadow:4px 4px 4px 4px rgb(225, 119,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3907, 0.5175, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 119, 45) }
```

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

```
.background{ background-color: rgb(225,  
119, 45) }
```

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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