

Converting Colors

$Y_{xy}(29.3004, 0.4865, 0.3682)$

Have a look what the booklet for
Yxy(29.3004, 0.4865, 0.3682)
contains.

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Color

Yxy(29.1791, 0.4866, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	E07552
RGB	224, 117, 82
RGB Percent	88%, 46%, 32%
CMY	0.1216, 0.5412, 0.6785
CMYK	0.00, 0.48, 0.63, 0.12
HSL	15°, 70%, 60%
HSV	15°, 63%, 88%
XYZ	38.6250, 29.1791, 11.5732
YIQ	145.0030, 75.0070, 11.7990

Conversions

Conversions Part 2

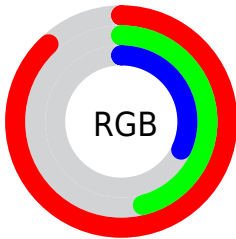
Format	Color
R_{YB}	224, 128, 82
Decimal	14710098
CIE _{Lab}	60.94, 38.72, 37.92
CIE _{LCh}	61, 54.189, 44.402
Yxy	29.1791, 0.4866, 0.3676
Android (android.graphics.Color)	4292900178 (0xFFE07552)
YUV	145.0030, -31.0605, 69.2804
Hunter-Lab	54.0177, 33.1043, 25.1096

Details

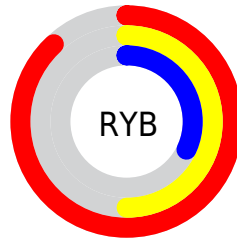
The Yxy color **29.1791, 0.4866, 0.3676** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **43.5573, 0.2255, 0.2796**, and the grayscale version is **28.4225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0518, 0.4261, 0.3699**, and **11.8043, 0.5404, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **25.3091, 0.5263, 0.3688**, and if you desaturate by 10%, it is **33.8723, 0.4483, 0.3635**.

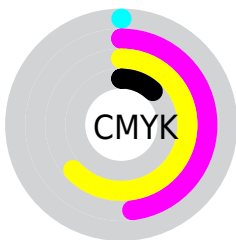
Distribution



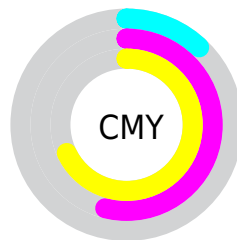
- Red (88%)
- Green (46%)
- Blue (32%)



- Red (88%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (48%)
- Yellow (63%)
- Black (12%)





- Cyan (12%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1791, 0.4866, 0.3676 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 29.1791, 0.4866, 0.3676 by changing the saturation by 10% instead.

 29.1791, 0.4866,
0.3676


 29.1791, 0.4866,
0.3676


298.0591, 0.3937,
0.3540

 19.2163, 0.5105,
0.3681


 58.3615, 0.4520,
0.3645

 11.8267, 0.5409,
0.3667


 78.3500, 0.4392,
0.3628


 6.6258, 0.5801,
0.3609


 102.4491, 0.4285,
0.3611

 3.2292, 0.6462,
0.3538

 131.0434, 0.4194,
0.3594

 1.2525, 0.6926,
0.3074

 164.5171, 0.4116,
0.3579

 0.1040, 0.9107,
0.0893

203.2547, 0.4048,

 0.0000, 0.0000,

0.3565

0.0000

247.6405, 0.3989,
0.3552

■ 29.1791, 0.4866,
0.3676

■ 29.1791, 0.4866,
0.3676

■ 25.3091, 0.5263,
0.3688

■ 33.8723, 0.4483,
0.3635

■ 22.2083, 0.5638,
0.3662

■ 39.4291, 0.4136,
0.3577

■ 19.8228, 0.5946,
0.3594

■ 45.8927, 0.3833,
0.3510

■ 18.6044, 0.6104,
0.3535

■ 53.3019, 0.3577,
0.3442

■ 61.6933, 0.3361,
0.3374

■ 71.1013, 0.3181,
0.3311

■ 81.5589, 0.3031,
0.3252

■ 92.6932, 0.2940,
0.3259

■ 94.5880, 0.2940,
0.3289

Harmonies

Analogous

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



29.1791, 0.4522, 0.3061



29.1791, 0.4866, 0.3676



29.1791, 0.4652, 0.4302

Triad

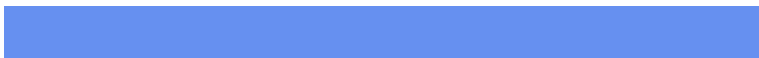
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.1791, 0.4866, 0.3676



29.1791, 0.2434, 0.4280



29.1791, 0.2129, 0.1988

Complementary

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



29.1791, 0.4866, 0.3676



43.5573, 0.2255, 0.2796

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.



29.1791, 0.1739, 0.2094



29.1791, 0.4866, 0.3676



29.1791, 0.1875, 0.3309

Square

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



29.1791, 0.4866, 0.3676



29.1791, 0.3226, 0.4885



29.1791, 0.1650, 0.2519



29.1791, 0.2821, 0.2145

Rectangle

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



29.1791, 0.4866, 0.3676



29.1791, 0.4273, 0.4669



29.1791, 0.1650, 0.2519



29.1791, 0.1965, 0.1991

Sweetspot

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



29.1807, 0.4866, 0.3676



76.1459, 0.3480, 0.3412



25.6340, 0.3576, 0.2124



15.6222, 0.3544, 0.3432



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.



29.1807, 0.4866, 0.3676



32.5369, 0.5385, 0.3684



51.6290, 0.4268, 0.4421



14.2469, 0.3286, 0.3348



10.9812, 0.6078, 0.3556



0.9011, 0.5776, 0.3796

Inverse Universe

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



43.5573, 0.2255, 0.2796



52.9399, 0.2140, 0.2675



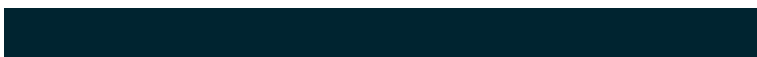
20.5709, 0.2012, 0.1751



14.9696, 0.2982, 0.3231



19.7848, 0.2021, 0.2474



1.5093, 0.2060, 0.2615

Previews

White Background



This preview shows how the Yxy color 29.1791, 0.4866, 0.3676 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 29.1791, 0.4866, 0.3676 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 29.1791, 0.4866, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 29.1791, 0.4866, 0.3676.



This preview shows how white text looks on a background with the Yxy color 29.1791, 0.4866, 0.3676.

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

29.1791, 0.4866, 0.3676

Protanopia

29.5472, 0.3817, 0.4136

Deuteranopia

29.4093, 0.4247, 0.4174



Tritanopia

29.1132, 0.4460, 0.3202

Trichromacy



Original Color

29.1791, 0.4866, 0.3676

Protanomaly

28.8029, 0.4196, 0.3961

Deuteranomaly

28.9374, 0.4485, 0.3970

Tritanomaly

29.0828, 0.4618, 0.3385

Monochromacy



Original Color

29.1791, 0.4866, 0.3676

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7318, 0.3724, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1791, 0.4866, 0.3676 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(224, 117, 82)` looks like.

```
.text, #text, p{  
    color:rgb(224, 117, 82)  
}
```

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(224, 117, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 117, 82) }
```

Border

The CSS property to change the border of an element to Yxy 29.1791, 0.4866, 0.3676 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(224, 117, 82) }
```

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

```
.border{ border-color:rgb(224, 117, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 117, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 117, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 117, 82);  
box-shadow:4px 4px 4px 4px rgb(224, 117,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1791, 0.4866, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 117, 82) }
```

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

```
.background{ background-color: rgb(224,  
117, 82) }
```

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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