

Converting Colors

$Y_{xy}(29.8805, 0.4730, 0.3472)$

Have a look what the booklet for
Yxy(29.8805, 0.4730, 0.3472)
contains.

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Color

Yxy(29.8203, 0.4736, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	E57363
RGB	229, 115, 99
RGB Percent	90%, 45%, 39%
CMY	0.1019, 0.5490, 0.6117
CMYK	0.00, 0.50, 0.57, 0.10
HSL	7°, 71%, 64%
HSV	7°, 57%, 90%
XYZ	40.7000, 29.8203, 15.4172
YIQ	147.2620, 73.0800, 19.1920

Conversions

Conversions Part 2

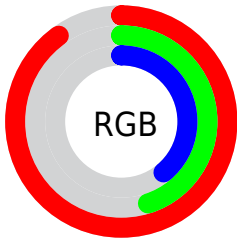
Format	Color
R _Y B	229, 117, 99
Decimal	15037283
CIE Lab	61.50, 42.82, 29.38
CIE LCh	61, 51.928, 34.451
Yxy	29.8203, 0.4736, 0.3470
Android (android.graphics.Color)	4293227363 (0xFFE57363)
YUV	147.2620, -23.7932, 71.6842
Hunter-Lab	54.6080, 37.4743, 21.4865

Details

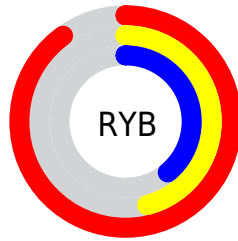
The Yxy color **29.8203, 0.4736, 0.3470** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.9145, 0.2372, 0.3078**, and the grayscale version is **29.3699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8379, 0.4105, 0.3493**, and **12.2380, 0.5267, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **25.3519, 0.5178, 0.3481**, and if you desaturate by 10%, it is **35.4139, 0.4329, 0.3445**.

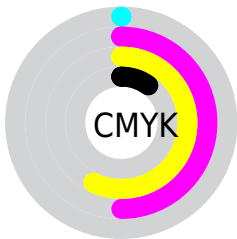
Distribution



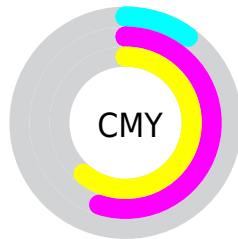
- Red (90%)
- Green (45%)
- Blue (39%)



- Red (90%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (10%)





- Cyan (10%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8203, 0.4736, 0.3470 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 29.8203, 0.4736, 0.3470 by changing the saturation by 10% instead.


 29.8203, 0.4736,
0.3470


 29.8203, 0.4736,
0.3470


301.0659, 0.3871,
0.3426


 19.7022, 0.4965,
0.3460


 59.3779, 0.4410,
0.3468


 12.1788, 0.5264,
0.3433


 79.5862, 0.4291,
0.3463

 6.8656, 0.5662,
0.3370


 103.9267, 0.4191,
0.3457

 3.3782, 0.6240,
0.3244

 132.7838, 0.4107,
0.3450

 1.3322, 0.7057,
0.2943

166.5418, 0.4035,
0.3444

 0.1659, 0.8834,
0.1166

205.5853, 0.3973,

 0.0000, 1.0000,

0.3437

0.0000

250.2985, 0.3918,
0.3431

0.0000, 0.0000,
0.0000

29.8203, 0.4736,
0.3470

29.8203, 0.4736,
0.3470

25.3519, 0.5178,
0.3481

35.4139, 0.4329,
0.3445

21.9278, 0.5616,
0.3472

42.1971, 0.3977,
0.3413

19.4634, 0.5992,
0.3439

50.2350, 0.3681,
0.3378

17.8585, 0.6249,
0.3387

59.5866, 0.3438,
0.3344

17.4987, 0.6309,
0.3372

70.3073, 0.3240,
0.3311

■ 82.4490, 0.3078,
0.3280

■ 95.4005, 0.2970,
0.3290

Harmonies

Analogous

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



29.8203, 0.4235, 0.2892



29.8203, 0.4736, 0.3470



29.8203, 0.4708, 0.4077

Triad

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



29.8203, 0.4736, 0.3470



29.8203, 0.2706, 0.4480



29.8203, 0.2013, 0.2044

Complementary

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



29.8203, 0.4736, 0.3470



55.9145, 0.2372, 0.3078

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.



29.8203, 0.1733, 0.2245



29.8203, 0.4736, 0.3470



29.8203, 0.2075, 0.3618

Square

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



29.8203, 0.4736, 0.3470



29.8203, 0.3496, 0.4848



29.8203, 0.1746, 0.2773



29.8203, 0.2587, 0.2114

Rectangle

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



29.8203, 0.4736, 0.3470



29.8203, 0.4427, 0.4454



29.8203, 0.1746, 0.2773



29.8203, 0.1887, 0.2078

Sweetspot

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



29.8219, 0.4736, 0.3470



75.6114, 0.3446, 0.3345



30.4332, 0.3346, 0.2082



15.6406, 0.3491, 0.3352



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.



29.8219, 0.4736, 0.3470



31.5480, 0.5251, 0.3481



49.8738, 0.4250, 0.4178



14.6520, 0.3289, 0.3320



10.0961, 0.6292, 0.3386



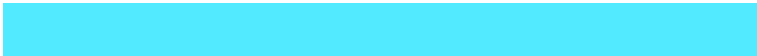
0.8399, 0.6074, 0.3559

Inverse Universe

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



55.9145, 0.2372, 0.3078



67.6586, 0.2274, 0.3028



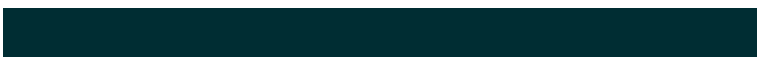
29.7570, 0.2174, 0.2155



16.0180, 0.2982, 0.3260



27.1968, 0.2138, 0.2898



2.0952, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 29.8203, 0.4736, 0.3470 looks on a white background.

Color Contrast Check

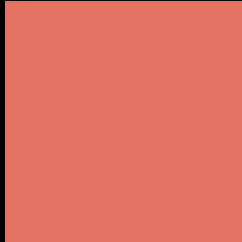
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8203, 0.4736, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

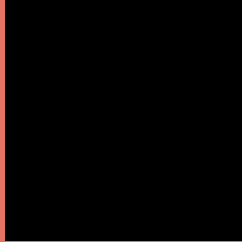
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8203, 0.4736, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 29.8203, 0.4736, 0.3470.



This preview shows how white text looks on a background with the Yxy color 29.8203, 0.4736, 0.3470.

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

29.8203, 0.4736, 0.3470

Protanopia

30.0581, 0.3592, 0.3852

Deuteranopia

29.8575, 0.4062, 0.3975



Tritanopia

29.7674, 0.4502, 0.3204

Trichromacy



Original Color

29.8203, 0.4736, 0.3470

Protanomaly

29.1644, 0.3990, 0.3704

Deuteranomaly

29.3528, 0.4316, 0.3765

Tritanomaly

29.8031, 0.4599, 0.3305

Monochromacy



Original Color

29.8203, 0.4736, 0.3470

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.2868, 0.3667, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8203, 0.4736, 0.3470 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(229, 115, 99)` looks like.

```
.text, #text, p{  
    color:rgb(229, 115, 99)  
}
```

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(229, 115, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 115, 99) }
```

Border

The CSS property to change the border of an element to Yxy 29.8203, 0.4736, 0.3470 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(229, 115, 99) }
```

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

```
.border{ border-color:rgb(229, 115, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 115, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 115, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 115, 99);  
box-shadow:4px 4px 4px 4px rgb(229, 115,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8203, 0.4736, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 115, 99) }
```

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

```
.background{ background-color: rgb(229,  
115, 99) }
```

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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