

Converting Colors

$Y_{xy}(30.7541, 0.4709, 0.3469)$

Have a look what the booklet for
Yxy(30.7541, 0.4709, 0.3469)
contains.

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Color

Yxy(30.6511, 0.4716, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	E77565
RGB	231, 117, 101
RGB Percent	91%, 46%, 40%
CMY	0.0941, 0.5412, 0.6038
CMYK	0.00, 0.49, 0.56, 0.09
HSL	7°, 73%, 65%
HSV	7°, 56%, 91%
XYZ	41.6692, 30.6511, 16.0368
YIQ	149.2620, 73.0800, 19.1920

Conversions

Conversions Part 2

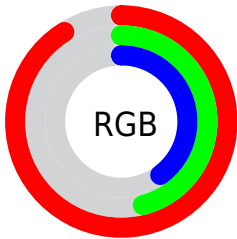
Format	Color
R _Y B	231, 119, 101
Decimal	15168869
CIE Lab	62.21, 42.71, 29.23
CIE LCh	62, 51.757, 34.382
Yxy	30.6511, 0.4716, 0.3469
Android (android.graphics.Color)	4293358949 (0xFFE77565)
YUV	149.2620, -23.7932, 71.6842
Hunter-Lab	55.3634, 37.4618, 21.5802

Details

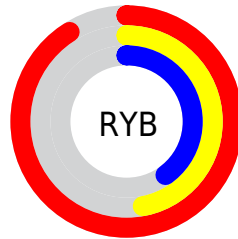
The Yxy color **30.6511, 0.4716, 0.3469** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.1579, 0.2377, 0.3080**, and the grayscale version is **30.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6528, 0.4078, 0.3493**, and **12.7049, 0.5233, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **26.0403, 0.5157, 0.3481**, and if you desaturate by 10%, it is **36.4142, 0.4311, 0.3444**.

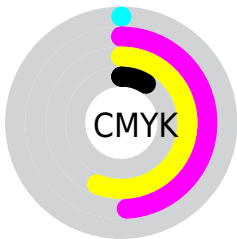
Distribution



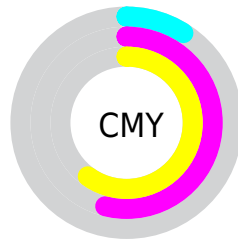
- Red (91%)
- Green (46%)
- Blue (40%)



- Red (91%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (56%)
- Black (9%)





- Cyan (9%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6511, 0.4716, 0.3469 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 30.6511, 0.4716, 0.3469 by changing the saturation by 10% instead.


 30.6511, 0.4716,
0.3469


 30.6511, 0.4716,
0.3469

304.9277, 0.3865,
0.3424

 20.3333, 0.4941,
0.3460


 60.6903, 0.4396,
0.3466

 12.6376, 0.5233,
0.3435


 81.1806, 0.4279,
0.3461

 7.1795, 0.5622,
0.3376

 105.8304, 0.4181,
0.3455

 3.5746, 0.6172,
0.3251

 135.0243, 0.4098,
0.3448

 1.4386, 0.7011,
0.2989

169.1466, 0.4027,
0.3442

 0.2449, 0.8469,
0.1531

208.5816, 0.3966,

 0.0000, 1.0000,

0.3436

0.0000

253.7139, 0.3912,
0.3430

■ 0.0000, 0.0000,
0.0000

■ 30.6511, 0.4716,
0.3469

■ 30.6511, 0.4716,
0.3469

■ 26.0403, 0.5157,
0.3481

■ 36.4142, 0.4311,
0.3444

■ 22.4993, 0.5597,
0.3473

■ 43.3951, 0.3961,
0.3412

■ 19.9425, 0.5977,
0.3441

■ 51.6600, 0.3668,
0.3377

■ 18.2685, 0.6240,
0.3389

■ 61.2690, 0.3428,
0.3342

■ 17.8403, 0.6310,
0.3372

■ 72.2784, 0.3231,
0.3309

■ 84.7413, 0.3071,
0.3279

■ 95.7311, 0.2982,
0.3290

Harmonies

Analogous

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



30.6511, 0.4220, 0.2896



30.6511, 0.4716, 0.3469



30.6511, 0.4691, 0.4070

Triad

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



30.6511, 0.4716, 0.3469



30.6511, 0.2714, 0.4465



30.6511, 0.2024, 0.2056

Complementary

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



30.6511, 0.4716, 0.3469



57.1579, 0.2377, 0.3080

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.



30.6511, 0.1746, 0.2258



30.6511, 0.4716, 0.3469



30.6511, 0.2088, 0.3617

Square

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



30.6511, 0.4716, 0.3469



30.6511, 0.3496, 0.4828



30.6511, 0.1761, 0.2782



30.6511, 0.2592, 0.2125

Rectangle

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



30.6511, 0.4716, 0.3469



30.6511, 0.4416, 0.4442



30.6511, 0.1761, 0.2782



30.6511, 0.1899, 0.2091

Sweetspot

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



30.6527, 0.4716, 0.3469



75.6100, 0.3446, 0.3345



31.2523, 0.3344, 0.2090



15.6403, 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.



30.6527, 0.4716, 0.3469



31.5459, 0.5252, 0.3481



51.0530, 0.4239, 0.4172



14.6519, 0.3289, 0.3320



10.0957, 0.6292, 0.3386



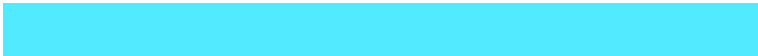
0.8399, 0.6074, 0.3559

Inverse Universe

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



57.1579, 0.2377, 0.3080



67.6649, 0.2274, 0.3028



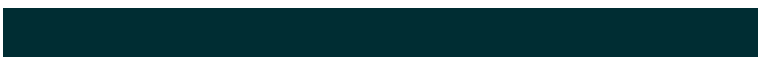
30.6233, 0.2182, 0.2166



16.0181, 0.2982, 0.3260



27.2007, 0.2139, 0.2898



2.0954, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 30.6511, 0.4716, 0.3469 looks on a white background.

Color Contrast Check

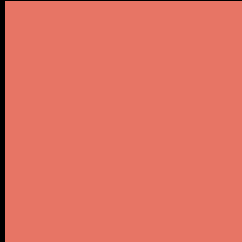
Large Text (above 18pt) WCAG AA × Fail

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 30.6511, 0.4716, 0.3469 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 ✓ Pass

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

Yxy 30.6511, 0.4716, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 30.6511, 0.4716, 0.3469.



This preview shows how white text looks on a background with the Yxy color 30.6511, 0.4716, 0.3469.

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

30.6511, 0.4716, 0.3469

Protanopia

30.9481, 0.3586, 0.3845

Deuteranopia

30.7361, 0.4051, 0.3968



Tritanopia

30.5956, 0.4484, 0.3205

Trichromacy



Original Color

30.6511, 0.4716, 0.3469

Protanomaly

30.0301, 0.3979, 0.3700

Deuteranomaly

30.2114, 0.4301, 0.3761

Tritanomaly

30.6322, 0.4580, 0.3305

Monochromacy



Original Color

30.6511, 0.4716, 0.3469

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1410, 0.3660, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6511, 0.4716, 0.3469 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(231, 117, 101)` looks like.

```
.text, #text, p{  
    color:rgb(231, 117, 101)  
}
```

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(231, 117, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 117, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.6511, 0.4716, 0.3469 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(231, 117, 101) }
```

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

```
.border{ border-color:rgb(231, 117, 101) }
```

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

Here you see how a box with a 4 pixel rgb(231, 117, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 117, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 117, 101);  
box-shadow:4px 4px 4px 4px rgb(231, 117,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6511, 0.4716, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 117, 101) }
```

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

```
.background{ background-color: rgb(231,  
117, 101) }
```

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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