

Converting Colors

$Y_{xy}(30.1718, 0.4442, 0.3286)$

Have a look what the booklet for
Yxy(30.1718, 0.4442, 0.3286)
contains.

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Color

Yxy(30.0381, 0.4446, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	E17576
RGB	225, 117, 118
RGB Percent	88%, 46%, 46%
CMY	0.1175, 0.5413, 0.5372
CMYK	0.00, 0.48, 0.48, 0.12
HSL	359°, 64%, 67%
HSV	359°, 48%, 88%
XYZ	40.6915, 30.0381, 20.7942
YIQ	149.4060, 64.0470, 23.2070

Conversions

Conversions Part 2

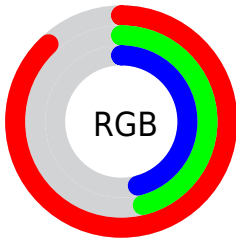
Format	Color
R _Y B	225, 117, 118
Decimal	14775670
CIE Lab	61.69, 41.98, 18.77
CIE LCh	62, 45.987, 24.087
Yxy	30.0381, 0.4446, 0.3282
Android (android.graphics.Color)	4292965750 (0xFFE17576)
YUV	149.4060, -15.4832, 66.2959
Hunter-Lab	54.8070, 36.6150, 15.8698

Details

The Yxy color **30.0381, 0.4446, 0.3282** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.0335, 0.2499, 0.3301**, and the grayscale version is **30.2806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2881, 0.3908, 0.3303**, and **12.3298, 0.4896, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **24.9433, 0.4896, 0.3282**, and if you desaturate by 10%, it is **36.5214, 0.4056, 0.3283**.

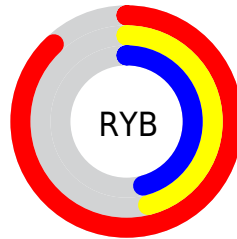
Distribution



Red (88%)

Green (46%)

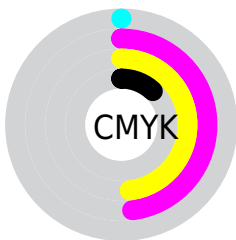
Blue (46%)



Red (88%)

Yellow (46%)

Blue (46%)

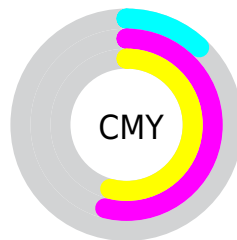


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (54%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0381, 0.4446, 0.3282 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 30.0381, 0.4446, 0.3282 by changing the saturation by 10% instead.


 30.0381, 0.4446,
0.3282


 30.0381, 0.4446,
0.3282


302.0820, 0.3733,
0.3315


 19.8675, 0.4640,
0.3261


 59.7224, 0.4175,
0.3303

 12.2988, 0.4897,
0.3227


 80.0050, 0.4076,
0.3308

 6.9475, 0.5252,
0.3164


 104.4269, 0.3995,
0.3311

 3.4293, 0.5765,
0.3043

133.3727, 0.3926,
0.3313

 1.3597, 0.6867,
0.2925

167.2267, 0.3867,
0.3314

 0.1868, 0.8706,
0.1294

206.3733, 0.3816,

 0.0000, 1.0000,

0.3315

0.0000

251.1970, 0.3772,
0.3315

0.0000, 0.0000,
0.0000

30.0381, 0.4446,
0.3282

30.0381, 0.4446,
0.3282

24.9433, 0.4896,
0.3282

36.5214, 0.4056,
0.3283

21.1314, 0.5375,
0.3283

44.4794, 0.3733,
0.3285

18.4898, 0.5827,
0.3286


53.9966, 0.3472,
0.3287


16.8837, 0.6174,
0.3291

65.1500, 0.3264,
0.3289

16.1247, 0.6366,
0.3295

78.0113, 0.3097,
0.3290

 16.0182, 0.6393,
0.3295

 92.6482, 0.2964,
0.3292

 94.7535, 0.2946,
0.3289

Harmonies

Analogous

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



30.0381, 0.3872, 0.2775



30.0381, 0.4446, 0.3282



30.0381, 0.4597, 0.3833

Triad

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



30.0381, 0.4446, 0.3282



30.0381, 0.3003, 0.4501



30.0381, 0.2006, 0.2203

Complementary

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



30.0381, 0.4446, 0.3282



63.0335, 0.2499, 0.3301

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.



30.0381, 0.1841, 0.2493



30.0381, 0.4446, 0.3282



30.0381, 0.2363, 0.3862

Square

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



30.0381, 0.4446, 0.3282



30.0381, 0.3715, 0.4647



30.0381, 0.1957, 0.3077



30.0381, 0.2441, 0.2180

Rectangle

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



30.0381, 0.4446, 0.3282



30.0381, 0.4445, 0.4186



30.0381, 0.1957, 0.3077



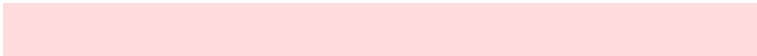
30.0381, 0.1921, 0.2268

Sweetspot

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



30.0397, 0.4446, 0.3282



77.2279, 0.3385, 0.3287



33.8818, 0.3164, 0.2124



15.8638, 0.3432, 0.3287



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.



30.0397, 0.4446, 0.3282



32.8897, 0.4914, 0.3282



45.7507, 0.4133, 0.3899



13.7026, 0.3291, 0.3288



9.2279, 0.6390, 0.3294



0.6404, 0.6359, 0.3277

Inverse Universe

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



30.0397, 0.4446, 0.3282



32.8897, 0.4914, 0.3282



39.0330, 0.2361, 0.2572



13.7026, 0.3291, 0.3288



9.2279, 0.6390, 0.3294



0.6404, 0.6359, 0.3277

Previews

White Background



This preview shows how the Yxy color 30.0381, 0.4446, 0.3282 looks on a white background.

Color Contrast Check

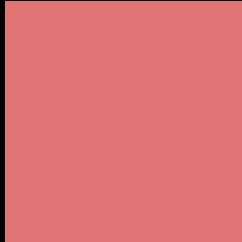
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0381, 0.4446, 0.3282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

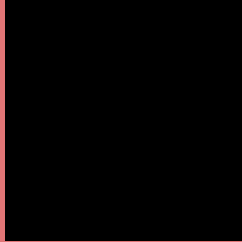
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0381, 0.4446, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 30.0381, 0.4446, 0.3282.



This preview shows how white text looks on a background with the Yxy color 30.0381, 0.4446, 0.3282.

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

30.0381, 0.4446, 0.3282

Protanopia

30.2840, 0.3347, 0.3524

Deuteranopia

30.0673, 0.3811, 0.3731



Tritanopia

29.9536, 0.4374, 0.3201

Trichromacy



Original Color

30.0381, 0.4446, 0.3282

Protanomaly

29.2736, 0.3728, 0.3421

Deuteranomaly

29.7573, 0.4041, 0.3551

Tritanomaly

29.9035, 0.4400, 0.3224

Monochromacy



Original Color

30.0381, 0.4446, 0.3282

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0734, 0.3569, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0381, 0.4446, 0.3282 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, 117, 118)` looks like.

```
.text, #text, p{  
    color:rgb(225, 117, 118)  
}
```

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, 117, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 117, 118) }
```

Border

The CSS property to change the border of an element to Yxy 30.0381, 0.4446, 0.3282 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, 117, 118) }
```

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

```
.border{ border-color:rgb(225, 117, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 117, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 117, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 117, 118);  
box-shadow:4px 4px 4px 4px rgb(225, 117,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0381, 0.4446, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 117, 118) }
```

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

```
.background{ background-color: rgb(225,  
117, 118) }
```

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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