

Converting Colors

Yxy(30.8006, 0.4454, 0.3164)

Have a look what the booklet for
Yxy(30.8006, 0.4454, 0.3164)
contains.

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Color

Yxy(30.8389, 0.4456, 0.3172)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E9727D |
| RGB | 233, 114, 125 |
| RGB Percent | 91%, 45%, 49% |
| CMY | 0.0863, 0.5529, 0.5099 |
| CMYK | 0.00, 0.51, 0.46, 0.09 |
| HSL | 354°, 73%, 68% |
| HSV | 354°, 51%, 91% |
| XYZ | 43.3222, 30.8389, 23.0611 |
| YIQ | 150.8350, 67.3930, 28.6490 |

Conversions

Conversions Part 2

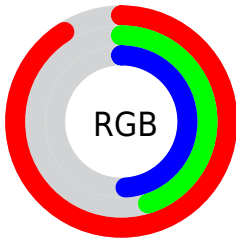
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 233, 114, 125 |
| Decimal | 15299197 |
| CIE Lab | 62.37, 46.99, 15.91 |
| CIE LCh | 62, 49.605, 18.703 |
| Yxy | 30.8389, 0.4456, 0.3172 |
| Android (android.graphics.Color) | 4293489277 (0xFFE9727D) |
| YUV | 150.8350, -12.7367, 72.0587 |
| Hunter-Lab | 55.5328, 42.0691, 14.2516 |

Details

The Yxy color **30.8389, 0.4456, 0.3172** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67.1330, 0.2515, 0.3427**, and the grayscale version is **30.9076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8103, 0.3849, 0.3208**, and **12.7435, 0.4907, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **25.7522, 0.4886, 0.3160**, and if you desaturate by 10%, it is **37.3825, 0.4081, 0.3192**.

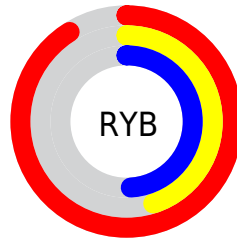
Distribution



Red (91%)

Green (45%)

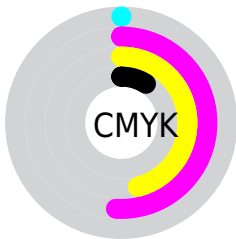
Blue (49%)



Red (91%)

Yellow (45%)

Blue (49%)

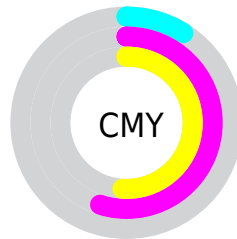


Cyan (0%)

Magenta (51%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8389, 0.4456, 0.3172 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 30.8389, 0.4456, 0.3172 by changing the saturation by 10% instead.

 30.8389, 0.4456,
0.3172


 30.8389, 0.4456,
0.3172


305.7954, 0.3741,
0.3261

 20.4762, 0.4649,
0.3138


 60.9863, 0.4185,
0.3212

 12.7417, 0.4905,
0.3088


 81.5399, 0.4086,
0.3225

 7.2509, 0.5258,
0.3007


 106.2592, 0.4004,
0.3235

 3.6195, 0.5767,
0.2866

135.5286, 0.3935,
0.3242

 1.4631, 0.6669,
0.2645

169.7325, 0.3876,
0.3248

 0.2625, 0.8533,
0.1467

209.2554, 0.3825,

 0.0000, 1.0000,

0.3253

0.0000

254.4816, 0.3780,
0.3257

0.0000, 0.0000,
0.0000

30.8389, 0.4456,
0.3172

30.8389, 0.4456,
0.3172

25.7522, 0.4886,
0.3160

37.3825, 0.4081,
0.3192

22.0064, 0.5343,
0.3162

45.4777, 0.3768,
0.3216

19.4758, 0.5776,
0.3181

55.2168, 0.3513,
0.3241

18.0089, 0.6120,
0.3217

66.6838, 0.3307,
0.3265

17.3799, 0.6315,
0.3253

79.9566, 0.3143,
0.3288

■ 95.1086, 0.3011,
0.3309

■ 96.0640, 0.2993,
0.3290

Harmonies

Analogous

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



30.8389, 0.3781, 0.2657



30.8389, 0.4456, 0.3172



30.8389, 0.4702, 0.3748

Triad

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



30.8389, 0.4456, 0.3172



30.8389, 0.3123, 0.4666



30.8389, 0.1889, 0.2169

Complementary

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



30.8389, 0.4456, 0.3172



67.1330, 0.2515, 0.3427

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.



30.8389, 0.1767, 0.2525



30.8389, 0.4456, 0.3172



30.8389, 0.2417, 0.4054

Square

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



30.8389, 0.4456, 0.3172



30.8389, 0.3871, 0.4707



30.8389, 0.1940, 0.3198



30.8389, 0.2294, 0.2102

Rectangle

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



30.8389, 0.4456, 0.3172



30.8389, 0.4588, 0.4131



30.8389, 0.1940, 0.3198



30.8389, 0.1817, 0.2253

Sweetspot

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



30.8405, 0.4456, 0.3172



75.9387, 0.3384, 0.3255



33.3082, 0.3070, 0.2022



15.6167, 0.3428, 0.3250



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.



30.8405, 0.4456, 0.3172



31.4791, 0.4896, 0.3160



44.2412, 0.4282, 0.3827



15.0766, 0.3278, 0.3269



9.8693, 0.6295, 0.3241



0.7827, 0.6050, 0.3107

Inverse Universe

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



30.8405, 0.4456, 0.3172



31.4791, 0.4896, 0.3160



44.3288, 0.2340, 0.2654



15.0766, 0.3278, 0.3269



9.8693, 0.6295, 0.3241



0.7827, 0.6050, 0.3107

Previews

White Background



This preview shows how the Yxy color 30.8389, 0.4456, 0.3172 looks on a white background.

Color Contrast Check

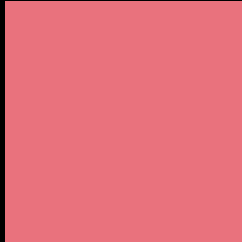
Large Text (above 18pt) WCAG AA × Fail

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 30.8389, 0.4456, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

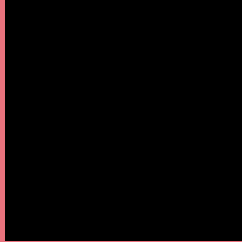
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8389, 0.4456, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 30.8389, 0.4456, 0.3172.



This preview shows how white text looks on a background with the Yxy color 30.8389, 0.4456, 0.3172.

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

30.8389, 0.4456, 0.3172

Protanopia

31.2148, 0.3245, 0.3398

Deuteranopia

30.9540, 0.3737, 0.3656



Tritanopia

30.7634, 0.4494, 0.3205

Trichromacy



Original Color

30.8389, 0.4456, 0.3172

Protanomaly

30.1734, 0.3656, 0.3306

Deuteranomaly

30.3257, 0.3993, 0.3454

Tritanomaly

30.7883, 0.4481, 0.3194

Monochromacy



Original Color

30.8389, 0.4456, 0.3172

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9537, 0.3566, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8389, 0.4456, 0.3172 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(233, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(233, 114, 125)  
}
```

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(233, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 114, 125) }
```

Border

The CSS property to change the border of an element to Yxy 30.8389, 0.4456, 0.3172 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(233, 114, 125) }
```

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

```
.border{ border-color:rgb(233, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(233, 114,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8389, 0.4456, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 114, 125) }
```

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

```
.background{ background-color: rgb(233,  
114, 125) }
```

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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