

Converting Colors

$Y_{xy}(28.6631, 0.4398, 0.3133)$

Have a look what the booklet for
Yxy(28.6631, 0.4398, 0.3133)
contains.

Yxy(28.6146, 0.4408, 0.3132)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.6146, 0.4408, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	E16E7C
RGB	225, 110, 124
RGB Percent	88%, 43%, 49%
CMY	0.1175, 0.5687, 0.5137
CMYK	0.00, 0.51, 0.45, 0.12
HSL	353°, 66%, 66%
HSV	353°, 51%, 88%
XYZ	40.2724, 28.6146, 22.4751
YIQ	145.9810, 64.0460, 28.7340

Conversions

Conversions Part 2

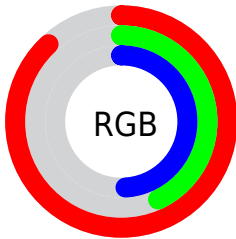
Format	Color
R _Y B	225, 110, 124
Decimal	14773884
CIE Lab	60.44, 46.06, 13.60
CIE LCh	60, 48.025, 16.444
Yxy	28.6146, 0.4408, 0.3132
Android (android.graphics.Color)	4292963964 (0xFFE16E7C)
YUV	145.9810, -10.8366, 69.2997
Hunter-Lab	53.4926, 40.7733, 12.5340

Details

The Yxy color **28.6146, 0.4408, 0.3132** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.8816, 0.2532, 0.3473**, and the grayscale version is **28.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9455, 0.3875, 0.3166**, and **11.5412, 0.4869, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **23.9113, 0.4823, 0.3115**, and if you desaturate by 10%, it is **34.6536, 0.4047, 0.3159**.

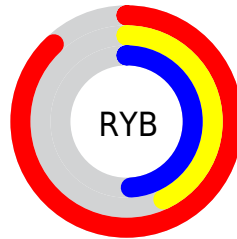
Distribution



Red (88%)

Green (43%)

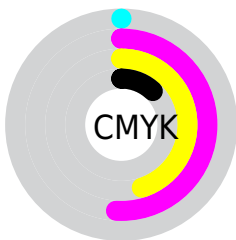
Blue (49%)



Red (88%)

Yellow (43%)

Blue (49%)

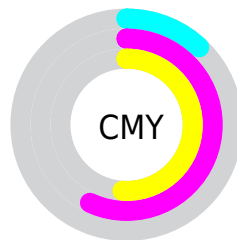


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (12%)



Cyan (12%)


Magenta (57%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6146, 0.4408, 0.3132 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 28.6146, 0.4408, 0.3132 by changing the saturation by 10% instead.


 28.6146, 0.4408,
0.3132


 28.6146, 0.4408,
0.3132

295.3922, 0.3711,
0.3240

 18.7895, 0.4600,
0.3094


 57.4642, 0.4141,
0.3179

 11.5183, 0.4857,
0.3037


 77.2574, 0.4045,
0.3194

 6.4166, 0.5215,
0.2948


 101.1422, 0.3965,
0.3206

 3.1000, 0.5743,
0.2793

 129.5028, 0.3898,
0.3215

 1.1842, 0.6762,
0.2570

162.7238, 0.3841,
0.3223

 0.0487, 0.9615,
0.0385

201.1894, 0.3792,

 0.0000, 1.0000,

0.3230


0.0000


245.2840, 0.3749,
0.3235

 0.0000, 0.0000,
0.0000


 28.6146, 0.4408,
0.3132


 28.6146, 0.4408,
0.3132

 23.9113, 0.4823,
0.3115


 34.6536, 0.4047,
0.3159


 20.4381, 0.5268,
0.3115


 42.1147, 0.3746,
0.3191

 18.0805, 0.5698,
0.3136

 51.0822, 0.3500,
0.3224

 16.7006, 0.6052,
0.3180

 61.6324, 0.3302,
0.3256

 16.0931, 0.6268,
0.3226

 73.8366, 0.3143,
0.3287

■ 87.7618, 0.3015,
0.3315

■ 94.7518, 0.2946,
0.3289

Harmonies

Analogous

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



28.6146, 0.3716, 0.2627



28.6146, 0.4408, 0.3132



28.6146, 0.4690, 0.3703

Triad

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



28.6146, 0.4408, 0.3132



28.6146, 0.3181, 0.4679



28.6146, 0.1878, 0.2193

Complementary

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



28.6146, 0.4408, 0.3132



61.8816, 0.2532, 0.3473

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.



28.6146, 0.1778, 0.2570



28.6146, 0.4408, 0.3132



28.6146, 0.2469, 0.4109

Square

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



28.6146, 0.4408, 0.3132



28.6146, 0.3919, 0.4679



28.6146, 0.1973, 0.3261



28.6146, 0.2260, 0.2106

Rectangle

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



28.6146, 0.4408, 0.3132



28.6146, 0.4601, 0.4085



28.6146, 0.1973, 0.3261



28.6146, 0.1813, 0.2284

Sweetspot

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



28.6161, 0.4408, 0.3132



75.9996, 0.3376, 0.3244



30.2421, 0.3032, 0.2008



15.6311, 0.3418, 0.3237



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.



28.6161, 0.4408, 0.3132



31.5873, 0.4836, 0.3115



39.6479, 0.4306, 0.3783



13.7276, 0.3273, 0.3262



9.2802, 0.6243, 0.3213



0.6523, 0.5910, 0.3029

Inverse Universe

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



28.6161, 0.4408, 0.3132



31.5873, 0.4836, 0.3115



42.5546, 0.2352, 0.2710



13.7276, 0.3273, 0.3262



9.2802, 0.6243, 0.3213



0.6523, 0.5910, 0.3029

Previews

White Background



This preview shows how the Yxy color 28.6146, 0.4408, 0.3132 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 28.6146, 0.4408, 0.3132 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 28.6146, 0.4408, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 28.6146, 0.4408, 0.3132.



This preview shows how white text looks on a background with the Yxy color 28.6146, 0.4408, 0.3132.

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

28.6146, 0.4408, 0.3132

Protanopia

29.0250, 0.3198, 0.3338

Deuteranopia

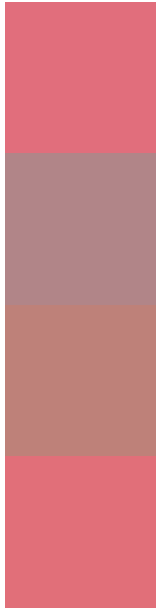
28.6341, 0.3690, 0.3608



Tritanopia

28.7083, 0.4469, 0.3202

Trichromacy



Original Color

28.6146, 0.4408, 0.3132

Protanomaly

27.8997, 0.3604, 0.3248

Deuteranomaly

28.0281, 0.3951, 0.3404

Tritanomaly

28.7569, 0.4442, 0.3179

Monochromacy



Original Color

28.6146, 0.4408, 0.3132

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7240, 0.3558, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6146, 0.4408, 0.3132 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, 110, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 110, 124)  
}
```

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, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 110, 124) }
```

Border

The CSS property to change the border of an element to Yxy 28.6146, 0.4408, 0.3132 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, 110, 124) }
```

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

```
.border{ border-color:rgb(225, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 110,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6146, 0.4408, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 110, 124) }
```

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

```
.background{ background-color: rgb(225,  
110, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor