

Converting Colors

$Y_{xy}(28.8279, 0.4246, 0.3184)$

Have a look what the booklet for
Yxy(28.8279, 0.4246, 0.3184)
contains.

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Color

Yxy(28.8279, 0.4246, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	D8757E
RGB	216, 117, 126
RGB Percent	85%, 46%, 49%
CMY	0.1530, 0.5411, 0.5060
CMYK	0.00, 0.46, 0.42, 0.15
HSL	355°, 56%, 65%
HSV	355°, 46%, 85%
XYZ	38.4432, 28.8279, 23.2688
YIQ	147.6270, 56.1150, 23.7870

Conversions

Conversions Part 2

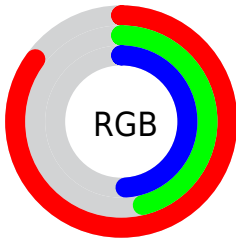
Format	Color
R _Y B	216, 117, 126
Decimal	14185854
CIE Lab	60.63, 39.47, 12.55
CIE LCh	61, 41.416, 17.634
Yxy	28.8279, 0.4246, 0.3184
Android (android.graphics.Color)	4292375934 (0xFFD8757E)
YUV	147.6270, -10.6621, 59.9631
Hunter-Lab	53.6916, 33.8458, 11.8892

Details

The Yxy color **28.8279, 0.4246, 0.3184** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.3972, 0.2563, 0.3408**, and the grayscale version is **29.4795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6405, 0.3824, 0.3208**, and **11.7014, 0.4643, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **23.9047, 0.4647, 0.3168**, and if you desaturate by 10%, it is **35.0147, 0.3905, 0.3206**.

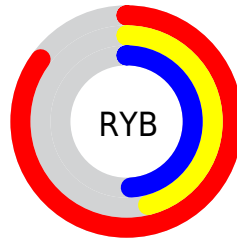
Distribution



Red (85%)

Green (46%)

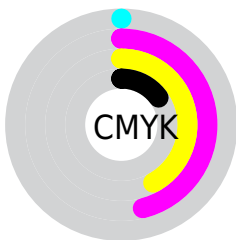
Blue (49%)



Red (85%)

Yellow (46%)

Blue (49%)

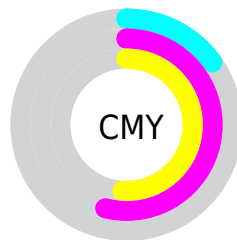


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (15%)



Cyan (15%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8279, 0.4246, 0.3184 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 28.8279, 0.4246, 0.3184 by changing the saturation by 10% instead.

 28.8279, 0.4246,
0.3184


 28.8279, 0.4246,
0.3184


296.4021, 0.3637,
0.3259

 18.9507, 0.4415,
0.3156


 57.8035, 0.4013,
0.3218

 11.6346, 0.4641,
0.3114


 77.6707, 0.3929,
0.3228

 6.4954, 0.4959,
0.3047


 101.6367, 0.3859,
0.3236

 3.1486, 0.5433,
0.2927

130.0859, 0.3800,
0.3243

 1.2098, 0.6336,
0.2747

163.4026, 0.3751,
0.3248

 0.0697, 0.9374,
0.0626


201.9713, 0.3708,


 0.0000, 0.0000,


0.3253


0.0000


246.1763, 0.3670,
0.3256


 28.8279, 0.4246,
0.3184


 28.8279, 0.4246,
0.3184

 23.9047, 0.4647,
0.3168

 35.0147, 0.3905,
0.3206


 20.1538, 0.5092,
0.3162

 42.5393, 0.3625,
0.3230


 17.4789, 0.5545,
0.3171

 51.4754, 0.3398,
0.3254


 15.7664, 0.5945,
0.3197

 61.8901, 0.3216,
0.3277

 14.8762, 0.6230,
0.3238

 73.8460, 0.3070,
0.3299

 14.6467, 0.6312,
0.3251

 87.4024, 0.2952,
0.3318

 93.3378, 0.2894,
0.3289

Harmonies

Analogous

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



28.8279, 0.3665, 0.2727



28.8279, 0.4246, 0.3184



28.8279, 0.4480, 0.3695

Triad

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



28.8279, 0.4246, 0.3184



28.8279, 0.3164, 0.4456



28.8279, 0.2036, 0.2324

Complementary

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



28.8279, 0.4246, 0.3184



57.3972, 0.2563, 0.3408

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.



28.8279, 0.1938, 0.2657



28.8279, 0.4246, 0.3184



28.8279, 0.2542, 0.3959

Square

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



28.8279, 0.4246, 0.3184



28.8279, 0.3809, 0.4501



28.8279, 0.2108, 0.3249



28.8279, 0.2390, 0.2248

Rectangle

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



28.8279, 0.4246, 0.3184



28.8279, 0.4402, 0.4027



28.8279, 0.2108, 0.3249



28.8279, 0.1974, 0.2405

Sweetspot

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



28.8294, 0.4246, 0.3184



77.3823, 0.3365, 0.3258



30.8187, 0.3080, 0.2146



15.9007, 0.3408, 0.3253



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.



28.8294, 0.4246, 0.3184



35.0086, 0.4634, 0.3168



39.8631, 0.4120, 0.3774



12.4389, 0.3277, 0.3269



8.6769, 0.6291, 0.3239



0.5298, 0.5993, 0.3075

Inverse Universe

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



28.8294, 0.4246, 0.3184



35.0086, 0.4634, 0.3168



39.9485, 0.2419, 0.2734



12.4389, 0.3277, 0.3269



8.6769, 0.6291, 0.3239



0.5298, 0.5993, 0.3075

Previews

White Background



This preview shows how the Yxy color 28.8279, 0.4246, 0.3184 looks on a white background.

Color Contrast Check

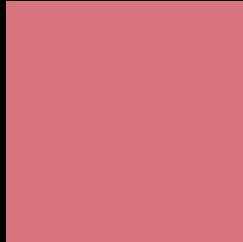
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8279, 0.4246, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

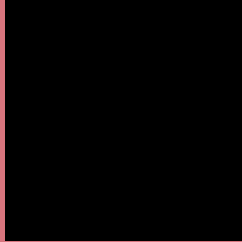
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8279, 0.4246, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 28.8279, 0.4246, 0.3184.



This preview shows how white text looks on a background with the Yxy color 28.8279, 0.4246, 0.3184.

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

28.8279, 0.4246, 0.3184

Protanopia

29.0602, 0.3229, 0.3369

Deuteranopia

29.0009, 0.3653, 0.3577



Tritanopia

28.8279, 0.4246, 0.3184

Trichromacy



Original Color

28.8279, 0.4246, 0.3184

Protanomaly

28.2195, 0.3575, 0.3277

Deuteranomaly

28.4974, 0.3877, 0.3419

Tritanomaly

28.8279, 0.4246, 0.3184

Monochromacy



Original Color

28.8279, 0.4246, 0.3184

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.6690, 0.3501, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8279, 0.4246, 0.3184 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(216, 117, 126)` looks like.

```
.text, #text, p{  
    color:rgb(216, 117, 126)  
}
```

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(216, 117, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 117, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.8279, 0.4246, 0.3184 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(216, 117, 126) }
```

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

```
.border{ border-color:rgb(216, 117, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 117, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 117, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 117, 126);  
box-shadow:4px 4px 4px 4px rgb(216, 117,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8279, 0.4246, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 117, 126) }
```

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

```
.background{ background-color: rgb(216,  
117, 126) }
```

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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