

Converting Colors

$Y_{xy}(28.5011, 0.4157, 0.3209)$

Have a look what the booklet for
Yxy(28.5011, 0.4157, 0.3209)
contains.

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Color

Yxy(28.6409, 0.4163, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	D2787E
RGB	210, 120, 126
RGB Percent	82%, 47%, 49%
CMY	0.1766, 0.5293, 0.5059
CMYK	0.00, 0.43, 0.40, 0.18
HSL	356°, 50%, 65%
HSV	356°, 43%, 82%
XYZ	37.0516, 28.6409, 23.3097
YIQ	147.5940, 51.7140, 20.9460

Conversions

Conversions Part 2

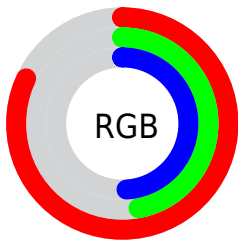
Format	Color
R _Y B	210, 120, 126
Decimal	13793406
CIE Lab	60.46, 35.67, 12.19
CIE LCh	60, 37.694, 18.868
Yxy	28.6409, 0.4163, 0.3218
Android (android.graphics.Color)	4291983486 (0xFFD2787E)
YUV	147.5940, -10.6458, 54.7301
Hunter-Lab	53.5172, 29.9260, 11.6380

Details

The Yxy color **28.6409, 0.4163, 0.3218** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.4286, 0.2580, 0.3369**, and the grayscale version is **29.4672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7868, 0.3815, 0.3239**, and **11.5644, 0.4543, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **23.6748, 0.4556, 0.3205**, and if you desaturate by 10%, it is **34.8163, 0.3832, 0.3234**.

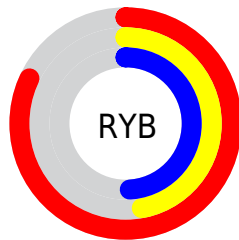
Distribution



Red (82%)

Green (47%)

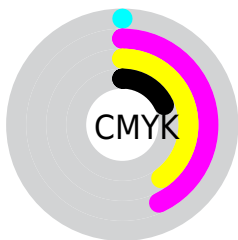
Blue (49%)



Red (82%)

Yellow (47%)

Blue (49%)

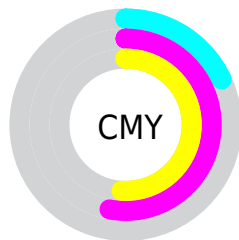


Cyan (0%)

Magenta (43%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6409, 0.4163, 0.3218 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 28.6409, 0.4163, 0.3218 by changing the saturation by 10% instead.


 28.6409, 0.4163,
0.3218


 28.6409, 0.4163,
0.3218


295.5168, 0.3598,
0.3273

 18.8093, 0.4320,
0.3196


 57.5061, 0.3946,
0.3243

 11.5326, 0.4531,
0.3163


 77.3084, 0.3868,
0.3251

 6.4263, 0.4830,
0.3108


 101.2032, 0.3804,
0.3257

 3.1060, 0.5278,
0.3007

129.5748, 0.3750,
0.3262

 1.1873, 0.6153,
0.2862

162.8075, 0.3703,
0.3266

 0.0513, 0.9473,
0.0527

201.2859, 0.3664,

 0.0000, 0.0000,

0.3269

0.0000

245.3942, 0.3629,
0.3271

■ 28.6409, 0.4163,
0.3218

■ 28.6409, 0.4163,
0.3218

■ 23.6748, 0.4556,
0.3205

■ 34.8163, 0.3832,
0.3234

■ 19.8346, 0.5001,
0.3199

■ 42.2686, 0.3562,
0.3252

■ 17.0336, 0.5463,
0.3203

■ 51.0653, 0.3344,
0.3269


■ 15.1702, 0.5885,
0.3220

■ 61.2682, 0.3170,
0.3286

■ 14.1225, 0.6199,
0.3249

■ 72.9350, 0.3030,
0.3301

 13.7272, 0.6340,
0.3266

 86.1205, 0.2917,
0.3314

 92.4358, 0.2860,
0.3289

Harmonies

Analogous

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



28.6409, 0.3646, 0.2788



28.6409, 0.4163, 0.3218



28.6409, 0.4364, 0.3693

Triad

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



28.6409, 0.4163, 0.3218



28.6409, 0.3143, 0.4332



28.6409, 0.2129, 0.2395

Complementary

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



28.6409, 0.4163, 0.3218



54.4286, 0.2580, 0.3369

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.



28.6409, 0.2028, 0.2698



28.6409, 0.4163, 0.3218



28.6409, 0.2574, 0.3871

Square

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



28.6409, 0.4163, 0.3218



28.6409, 0.3737, 0.4402



28.6409, 0.2179, 0.3232



28.6409, 0.2469, 0.2329

Rectangle

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



28.6409, 0.4163, 0.3218



28.6409, 0.4288, 0.3996



28.6409, 0.2179, 0.3232



28.6409, 0.2068, 0.2469

Sweetspot

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



28.6423, 0.4163, 0.3218



78.8072, 0.3351, 0.3269



30.9241, 0.3115, 0.2228



16.1791, 0.3395, 0.3265



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.



28.6423, 0.4163, 0.3218



37.6237, 0.4503, 0.3206



39.8491, 0.4017, 0.3779



11.8208, 0.3280, 0.3275



8.3823, 0.6323, 0.3257



0.4732, 0.6081, 0.3124

Inverse Universe

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



28.6423, 0.4163, 0.3218



37.6237, 0.4503, 0.3206



37.7689, 0.2457, 0.2734



11.8208, 0.3280, 0.3275



8.3823, 0.6323, 0.3257



0.4732, 0.6081, 0.3124

Previews

White Background



This preview shows how the Yxy color 28.6409, 0.4163, 0.3218 looks on a white background.

Color Contrast Check

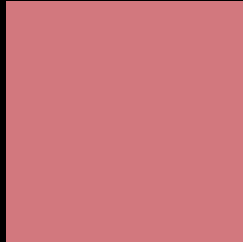
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6409, 0.4163, 0.3218 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 28.6409, 0.4163, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 28.6409, 0.4163, 0.3218.



This preview shows how white text looks on a background with the Yxy color 28.6409, 0.4163, 0.3218.

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

28.6409, 0.4163, 0.3218

Protanopia

28.9059, 0.3238, 0.3402

Deuteranopia

28.8899, 0.3642, 0.3579



Tritanopia

28.6931, 0.4138, 0.3192

Trichromacy



Original Color

28.6409, 0.4163, 0.3218

Protanomaly

28.3832, 0.3557, 0.3336

Deuteranomaly

28.3955, 0.3838, 0.3435

Tritanomaly

28.6669, 0.4151, 0.3205

Monochromacy



Original Color

28.6409, 0.4163, 0.3218

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7283, 0.3476, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6409, 0.4163, 0.3218 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(210, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(210, 120, 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(210, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 120, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.6409, 0.4163, 0.3218 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(210, 120, 126) }
```

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

```
.border{ border-color:rgb(210, 120, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 120, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 120, 126);  
box-shadow:4px 4px 4px 4px rgb(210, 120,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6409, 0.4163, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 120, 126) }
```

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

```
.background{ background-color: rgb(210,  
120, 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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