

Converting Colors

$Yxy(26.9162, 0.4514, 0.3294)$

Have a look what the booklet for
Yxy(26.9162, 0.4514, 0.3294)
contains.

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Color

Yxy(27.0294, 0.4510, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	D96E6E
RGB	217, 110, 110
RGB Percent	85%, 43%, 43%
CMY	0.1490, 0.5686, 0.5686
CMYK	0.00, 0.49, 0.49, 0.15
HSL	360°, 58%, 64%
HSV	360°, 49%, 85%
XYZ	37.0075, 27.0294, 18.0196
YIQ	141.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

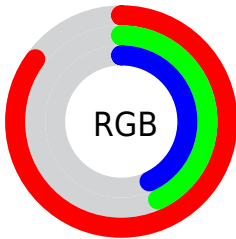
Format	Color
R_{YB}	217, 110, 110
Decimal	14249582
CIE _{Lab}	59.00, 41.82, 19.51
CIE _{LCh}	59, 46.150, 25.005
Yxy	27.0294, 0.4510, 0.3294
Android (android.graphics.Color)	4292439662 (0xFFD96E6E)
YUV	141.9930, -15.7725, 65.7811
Hunter-Lab	51.9898, 36.0780, 15.8430

Details

The Yxy color **27.0294, 0.4510, 0.3294** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **57.9543, 0.2483, 0.3288**, and the grayscale version is **27.0928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4196, 0.4012, 0.3314**, and **10.6430, 0.5015, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **22.4913, 0.4968, 0.3295**, and if you desaturate by 10%, it is **32.8325, 0.4109, 0.3293**.

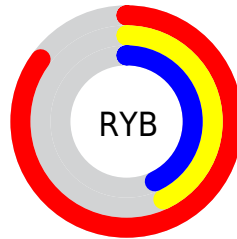
Distribution



Red (85%)

Green (43%)

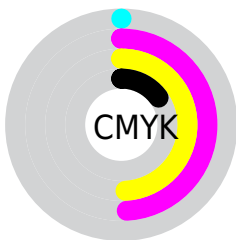
Blue (43%)



Red (85%)

Yellow (43%)

Blue (43%)

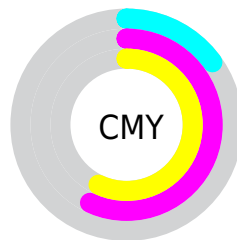


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (15%)



Cyan (15%)

Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0294, 0.4510, 0.3294 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 27.0294, 0.4510, 0.3294 by changing the saturation by 10% instead.


 27.0294, 0.4510,
0.3294


 27.0294, 0.4510,
0.3294


287.7994, 0.3751,
0.3324


 17.5953, 0.4721,
0.3272


 54.9310, 0.4218,
0.3315


 10.6598, 0.5003,
0.3233

 74.1674, 0.4113,
0.3320

 5.8386, 0.5396,
0.3160

 97.4399, 0.4026,
0.3322

 2.7472, 0.5969,
0.3014

 125.1330, 0.3954,
0.3324

 1.0012, 0.7177,
0.2823

157.6312, 0.3891,
0.3325

 0.0000, 1.0000,
0.0000


195.3187, 0.3838,


 0.0000, 0.0000,

0.3325


0.0000


238.5800, 0.3791,
0.3325


 27.0294, 0.4510,
0.3294


 27.0294, 0.4510,
0.3294


 22.4913, 0.4968,
0.3295

 32.8325, 0.4109,
0.3293


 19.1202, 0.5449,
0.3297

 39.9806, 0.3776,
0.3292


 16.8106, 0.5891,
0.3298

 48.5522, 0.3506,
0.3291

 15.4362, 0.6216,
0.3299


 58.6186, 0.3289,
0.3290

 14.7886, 0.6391,
0.3300

 70.2462, 0.3116,
0.3290

 14.7528, 0.6401,
0.3300

 83.4975, 0.2978,
0.3290

 93.4928, 0.2900,
0.3289

Harmonies

Analogous

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



27.0294, 0.3924, 0.2770



27.0294, 0.4510, 0.3294



27.0294, 0.4648, 0.3862

Triad

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



27.0294, 0.4510, 0.3294



27.0294, 0.2972, 0.4541



27.0294, 0.1978, 0.2161

Complementary

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



27.0294, 0.4510, 0.3294



57.9543, 0.2483, 0.3288

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.



27.0294, 0.1800, 0.2447



27.0294, 0.4510, 0.3294



27.0294, 0.2316, 0.3860

Square

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



27.0294, 0.4510, 0.3294



27.0294, 0.3710, 0.4704



27.0294, 0.1908, 0.3042



27.0294, 0.2433, 0.2147

Rectangle

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



27.0294, 0.4510, 0.3294



27.0294, 0.4479, 0.4226



27.0294, 0.1908, 0.3042



27.0294, 0.1888, 0.2224

Sweetspot

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



27.0308, 0.4510, 0.3294



75.7537, 0.3409, 0.3291



30.6432, 0.3165, 0.2099



15.5729, 0.3457, 0.3291



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.



27.0308, 0.4510, 0.3294



32.2825, 0.4979, 0.3295



41.6210, 0.4165, 0.3913



13.0515, 0.3292, 0.3290



8.9299, 0.6401, 0.3300



0.5785, 0.6401, 0.3300

Inverse Universe

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



27.0308, 0.4510, 0.3294



32.2825, 0.4979, 0.3295



35.3393, 0.2343, 0.2550



13.0515, 0.3292, 0.3290



8.9299, 0.6401, 0.3300



0.5785, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 27.0294, 0.4510, 0.3294 looks on a white background.

Color Contrast Check

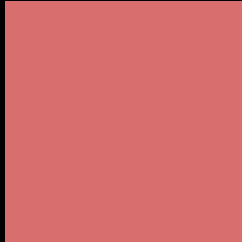
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0294, 0.4510, 0.3294 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 27.0294, 0.4510, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 27.0294, 0.4510, 0.3294.



This preview shows how white text looks on a background with the Yxy color 27.0294, 0.4510, 0.3294.

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

27.0294, 0.4510, 0.3294

Protanopia

27.2162, 0.3378, 0.3568

Deuteranopia

27.2361, 0.3837, 0.3780



Tritanopia

26.9733, 0.4422, 0.3198

Trichromacy



Original Color

27.0294, 0.4510, 0.3294

Protanomaly

26.3200, 0.3769, 0.3441

Deuteranomaly

26.6794, 0.4086, 0.3575

Tritanomaly

26.9039, 0.4463, 0.3234

Monochromacy



Original Color

27.0294, 0.4510, 0.3294

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0120, 0.3590, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0294, 0.4510, 0.3294 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(217, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(217, 110, 110)  
}
```

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(217, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 110, 110) }
```

Border

The CSS property to change the border of an element to Yxy 27.0294, 0.4510, 0.3294 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(217, 110, 110) }
```

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

```
.border{ border-color:rgb(217, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(217, 110,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0294, 0.4510, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 110, 110) }
```

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

```
.background{ background-color: rgb(217,  
110, 110) }
```

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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