

Converting Colors

$Y_{xy}(27.1056, 0.4508, 0.3381)$

Have a look what the booklet for
Yxy(27.1056, 0.4508, 0.3381)
contains.

Yxy(27.1470, 0.4510, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.1470, 0.4510, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	D6716A
RGB	214, 113, 106
RGB Percent	84%, 44%, 42%
CMY	0.1609, 0.5568, 0.5844
CMYK	0.00, 0.47, 0.50, 0.16
HSL	4°, 57%, 63%
HSV	4°, 50%, 84%
XYZ	36.2335, 27.1470, 16.9598
YIQ	142.4010, 62.4430, 19.2350

Conversions

Conversions Part 2

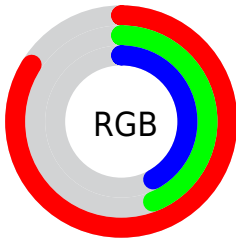
Format	Color
R_{YB}	214, 113, 106
Decimal	14053738
CIE _{Lab}	59.11, 38.79, 21.89
CIE _{LCh}	59, 44.543, 29.436
Yxy	27.1470, 0.4510, 0.3379
Android (android.graphics.Color)	4292243818 (0xFFD6716A)
YUV	142.4010, -17.9457, 62.7923
Hunter-Lab	52.1028, 32.9532, 17.1726

Details

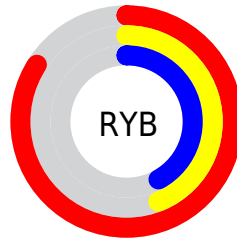
The Yxy color **27.1470, 0.4510, 0.3379** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.5140, 0.2454, 0.3192**, and the grayscale version is **27.2726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3318, 0.4048, 0.3398**, and **10.7296, 0.4990, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **22.7744, 0.4951, 0.3390**, and if you desaturate by 10%, it is **32.6171, 0.4121, 0.3363**.

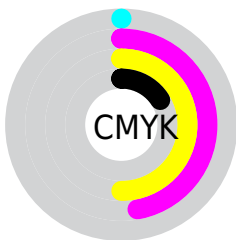
Distribution



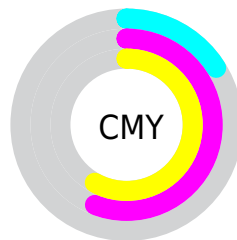
- Red (84%)
- Green (44%)
- Blue (42%)



- Red (84%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1470, 0.4510, 0.3379 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 27.1470, 0.4510, 0.3379 by changing the saturation by 10% instead.


 27.1470, 0.4510,
0.3379


 27.1470, 0.4510,
0.3379


288.3682, 0.3751,
0.3366


 17.6837, 0.4720,
0.3367


 55.1197, 0.4219,
0.3384

 10.7231, 0.5000,
0.3342


 74.3978, 0.4114,
0.3383

 5.8810, 0.5388,
0.3285


 97.7163, 0.4027,
0.3381

 2.7728, 0.5958,
0.3161

 125.4595, 0.3954,
0.3378

 1.0143, 0.7044,
0.2956

158.0119, 0.3892,
0.3375

 0.0000, 1.0000,
0.0000


195.7579, 0.3839,


 0.0000, 0.0000,

0.3372


0.0000


239.0819, 0.3792,
0.3369

 27.1470, 0.4510,
0.3379


 27.1470, 0.4510,
0.3379


 22.7744, 0.4951,
0.3390


 32.6171, 0.4121,
0.3363

 19.4213, 0.5414,
0.3391


 39.2474, 0.3795,
0.3345

 17.0063, 0.5845,
0.3379

 47.1009, 0.3527,
0.3326

 15.4335, 0.6175,
0.3355

 56.2347, 0.3310,
0.3308

 14.6062, 0.6360,
0.3332

 66.7027, 0.3135,
0.3291

■ 78.5552, 0.2993,
0.3275

■ 91.7907, 0.2882,
0.3269

■ 93.0335, 0.2883,
0.3289

Harmonies

Analogous

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



27.1470, 0.3999, 0.2858



27.1470, 0.4510, 0.3379



27.1470, 0.4577, 0.3931

Triad

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



27.1470, 0.4510, 0.3379



27.1470, 0.2878, 0.4419



27.1470, 0.2062, 0.2179

Complementary

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



27.1470, 0.4510, 0.3379



52.5140, 0.2454, 0.3192

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.



27.1470, 0.1849, 0.2418



27.1470, 0.4510, 0.3379



27.1470, 0.2269, 0.3721

Square

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



27.1470, 0.4510, 0.3379



27.1470, 0.3592, 0.4663



27.1470, 0.1913, 0.2952



27.1470, 0.2544, 0.2200

Rectangle

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



27.1470, 0.4510, 0.3379



27.1470, 0.4377, 0.4274



27.1470, 0.1913, 0.2952



27.1470, 0.1961, 0.2228

Sweetspot

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



27.1484, 0.4510, 0.3379



77.0471, 0.3406, 0.3316



29.1800, 0.3239, 0.2132



15.8788, 0.3452, 0.3320



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.



27.1484, 0.4510, 0.3379



33.2333, 0.5003, 0.3390



42.3814, 0.4147, 0.4008



12.5494, 0.3290, 0.3306



8.8836, 0.6349, 0.3341



0.5825, 0.6194, 0.3464

Inverse Universe

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



52.5140, 0.2454, 0.3192



75.1175, 0.2355, 0.3168



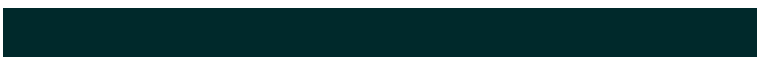
31.2203, 0.2304, 0.2420



13.9627, 0.2983, 0.3274



27.9762, 0.2191, 0.3087



1.7301, 0.2201, 0.3124

Previews

White Background



This preview shows how the Yxy color 27.1470, 0.4510, 0.3379 looks on a white background.

Color Contrast Check

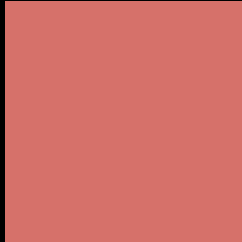
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1470, 0.4510, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

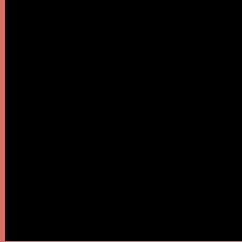
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1470, 0.4510, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 27.1470, 0.4510, 0.3379.



This preview shows how white text looks on a background with the Yxy color 27.1470, 0.4510, 0.3379.

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

27.1470, 0.4510, 0.3379

Protanopia

27.2814, 0.3454, 0.3648

Deuteranopia

27.3967, 0.3894, 0.3821



Tritanopia

27.1479, 0.4361, 0.3197

Trichromacy



Original Color

27.1470, 0.4510, 0.3379

Protanomaly

26.4691, 0.3825, 0.3531

Deuteranomaly

26.8567, 0.4128, 0.3645

Tritanomaly

27.2503, 0.4422, 0.3270

Monochromacy



Original Color

27.1470, 0.4510, 0.3379

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1424, 0.3587, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1470, 0.4510, 0.3379 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(214, 113, 106)` looks like.

```
.text, #text, p{  
    color:rgb(214, 113, 106)  
}
```

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(214, 113, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 113, 106) }
```

Border

The CSS property to change the border of an element to Yxy 27.1470, 0.4510, 0.3379 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(214, 113, 106) }
```

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

```
.border{ border-color:rgb(214, 113, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 113, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 113, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 113, 106);  
box-shadow:4px 4px 4px 4px rgb(214, 113,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1470, 0.4510, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 113, 106) }
```

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

```
.background{ background-color: rgb(214,  
113, 106) }
```

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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