

Converting Colors

$Y_{xy}(26.2975, 0.4547, 0.3367)$

Have a look what the booklet for
Yxy(26.2975, 0.4547, 0.3367)
contains.

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Color

Yxy(26.2975, 0.4547, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	D56E68
RGB	213, 110, 104
RGB Percent	84%, 43%, 41%
CMY	0.1647, 0.5686, 0.5923
CMYK	0.00, 0.48, 0.51, 0.16
HSL	3°, 56%, 62%
HSV	3°, 51%, 84%
XYZ	35.5137, 26.2975, 16.2924
YIQ	140.1130, 63.3140, 19.9700

Conversions

Conversions Part 2

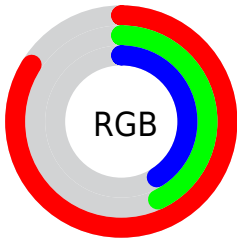
Format	Color
R _Y B	213, 110, 104
Decimal	13987432
CIE Lab	58.32, 39.79, 21.96
CIE LCh	58, 45.445, 28.890
Yxy	26.2975, 0.4547, 0.3367
Android (android.graphics.Color)	4292177512 (0xFFD56E68)
YUV	140.1130, -17.8037, 63.9219
Hunter-Lab	51.2811, 33.8748, 17.0598

Details

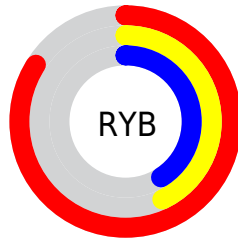
The Yxy color **26.2975, 0.4547, 0.3367** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.3505, 0.2450, 0.3206**, and the grayscale version is **26.3242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1775, 0.4080, 0.3388**, and **10.2934, 0.5049, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **22.0593, 0.4994, 0.3376**, and if you desaturate by 10%, it is **31.6334, 0.4151, 0.3354**.

Distribution



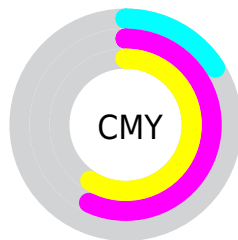
- Red (84%)
- Green (43%)
- Blue (41%)



- Red (84%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (51%)
- Black (16%)




- Cyan (16%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2975, 0.4547, 0.3367 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 26.2975, 0.4547, 0.3367 by changing the saturation by 10% instead.


 26.2975, 0.4547,
0.3367


 26.2975, 0.4547,
0.3367

284.2394, 0.3765,
0.3362


 17.0463, 0.4765,
0.3352


 53.7545, 0.4246,
0.3376

 10.2675, 0.5056,
0.3322


 72.7291, 0.4138,
0.3375

 5.5767, 0.5460,
0.3256


 95.7137, 0.4048,
0.3374

 2.5894, 0.6065,
0.3123

 123.0926, 0.3973,
0.3372

 0.9214, 0.7139,
0.2861

155.2502, 0.3909,
0.3370

 0.0000, 1.0000,
0.0000

192.5710, 0.3854,

 0.0000, 0.0000,


0.3367

0.0000


235.4393, 0.3807,
0.3364


 26.2975, 0.4547,
0.3367


 26.2975, 0.4547,
0.3367


 22.0593, 0.4994,
0.3376


 31.6334, 0.4151,
0.3354

 18.8386, 0.5460,
0.3376


 38.1315, 0.3818,
0.3338


 16.5511, 0.5886,
0.3365

 45.8564, 0.3545,
0.3322

 15.0972, 0.6204,
0.3344

 54.8666, 0.3324,
0.3306

 14.4041, 0.6367,
0.3327

 65.2169, 0.3146,
0.3292

■ 76.9590, 0.3002,
0.3278

■ 90.1418, 0.2886,
0.3266

■ 92.8860, 0.2877,
0.3289

Harmonies

Analogous

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



26.2975, 0.4013, 0.2836



26.2975, 0.4547, 0.3367



26.2975, 0.4622, 0.3933

Triad

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



26.2975, 0.4547, 0.3367



26.2975, 0.2880, 0.4469



26.2975, 0.2028, 0.2151

Complementary

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



26.2975, 0.4547, 0.3367



52.3505, 0.2450, 0.3206

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.



26.2975, 0.1814, 0.2399



26.2975, 0.4547, 0.3367



26.2975, 0.2252, 0.3749

Square

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



26.2975, 0.4547, 0.3367



26.2975, 0.3615, 0.4706



26.2975, 0.1884, 0.2951



26.2975, 0.2515, 0.2169

Rectangle

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



26.2975, 0.4547, 0.3367



26.2975, 0.4419, 0.4288



26.2975, 0.1884, 0.2951



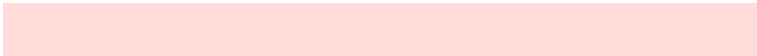
26.2975, 0.1926, 0.2202

Sweetspot

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



26.2989, 0.4547, 0.3367



76.8516, 0.3406, 0.3312



28.5722, 0.3241, 0.2118



15.8325, 0.3453, 0.3316



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.



26.2989, 0.4547, 0.3367



32.9091, 0.5014, 0.3376



41.6726, 0.4165, 0.4017



12.5301, 0.3290, 0.3304



8.8466, 0.6357, 0.3335



0.5733, 0.6223, 0.3441

Inverse Universe

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



52.3505, 0.2450, 0.3206



76.0419, 0.2360, 0.3186



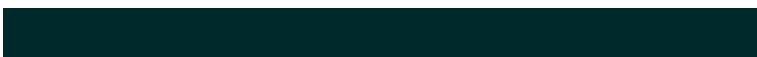
30.5384, 0.2293, 0.2405



13.9844, 0.2983, 0.3277



28.5586, 0.2199, 0.3117



1.7593, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 26.2975, 0.4547, 0.3367 looks on a white background.

Color Contrast Check

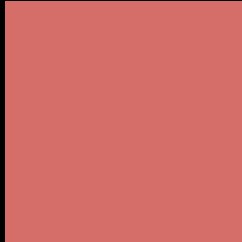
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2975, 0.4547, 0.3367 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 26.2975, 0.4547, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 26.2975, 0.4547, 0.3367.



This preview shows how white text looks on a background with the Yxy color 26.2975, 0.4547, 0.3367.

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

26.2975, 0.4547, 0.3367

Protanopia

26.3601, 0.3446, 0.3654

Deuteranopia

26.4635, 0.3892, 0.3829



Tritanopia

26.2822, 0.4409, 0.3197

Trichromacy



Original Color

26.2975, 0.4547, 0.3367

Protanomaly

25.6634, 0.3834, 0.3534

Deuteranomaly

26.0516, 0.4142, 0.3648

Tritanomaly

26.4033, 0.4457, 0.3258

Monochromacy



Original Color

26.2975, 0.4547, 0.3367

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4483, 0.3605, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2975, 0.4547, 0.3367 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(213, 110, 104)` looks like.

```
.text, #text, p{  
    color:rgb(213, 110, 104)  
}
```

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(213, 110, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 110, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.2975, 0.4547, 0.3367 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(213, 110, 104) }
```

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

```
.border{ border-color:rgb(213, 110, 104) }
```

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

Here you see how a box with a 4 pixel rgb(213, 110, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 110, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 110, 104);  
box-shadow:4px 4px 4px 4px rgb(213, 110,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2975, 0.4547, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 110, 104) }
```

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

```
.background{ background-color: rgb(213,  
110, 104) }
```

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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