

Converting Colors

$Y_{xy}(26.2458, 0.4527, 0.3318)$

Have a look what the booklet for
Yxy(26.2458, 0.4527, 0.3318)
contains.

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Color

Yxy(26.2950, 0.4524, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	D66D6B
RGB	214, 109, 107
RGB Percent	84%, 43%, 42%
CMY	0.1608, 0.5725, 0.5803
CMYK	0.00, 0.49, 0.50, 0.16
HSL	1°, 57%, 63%
HSV	1°, 50%, 84%
XYZ	35.8525, 26.2950, 17.1021
YIQ	140.1670, 63.2220, 21.6380

Conversions

Conversions Part 2

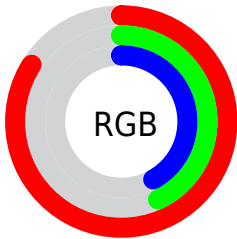
Format	Color
R_{YB}	214, 109, 107
Decimal	14052715
CIE Lab	58.32, 40.94, 20.22
CIE LCh	58, 45.663, 26.286
Yxy	26.2950, 0.4524, 0.3318
Android (android.graphics.Color)	4292242795 (0xFFD66D6B)
YUV	140.1670, -16.3513, 64.7515
Hunter-Lab	51.2787, 35.0642, 16.1211

Details

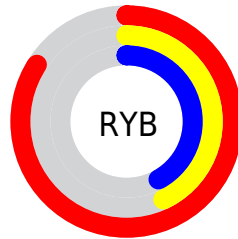
The Yxy color **26.2950, 0.4524, 0.3318** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55.0682, 0.2472, 0.3261**, and the grayscale version is **26.3423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9230, 0.4055, 0.3345**, and **10.2211, 0.5025, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **21.9416, 0.4978, 0.3322**, and if you desaturate by 10%, it is **31.8329, 0.4125, 0.3313**.

Distribution



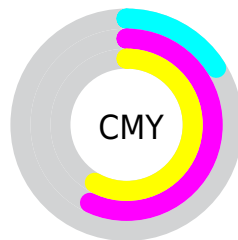
- Red (84%)
- Green (43%)
- Blue (42%)



- Red (84%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (50%)
- Black (16%)




- Cyan (16%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2950, 0.4524, 0.3318 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 26.2950, 0.4524, 0.3318 by changing the saturation by 10% instead.


 26.2950, 0.4524,
0.3318

 26.2950, 0.4524,
0.3318


284.2272, 0.3754,
0.3337


 17.0445, 0.4739,
0.3298


 53.7505, 0.4227,
0.3335


 10.2662, 0.5027,
0.3261


 72.7242, 0.4121,
0.3338

 5.5758, 0.5429,
0.3190

 95.7078, 0.4033,
0.3339

 2.5889, 0.6022,
0.3044

 123.0856, 0.3959,
0.3340

 0.9211, 0.7188,
0.2812

155.2421, 0.3896,
0.3339

 0.0000, 1.0000,
0.0000


192.5615, 0.3842,


 0.0000, 0.0000,


0.3339


0.0000


235.4285, 0.3795,
0.3338


 26.2950, 0.4524,
0.3318

 26.2950, 0.4524,
0.3318

 21.9416, 0.4978,
0.3322

 31.8329, 0.4125,
0.3313


 18.6827, 0.5455,
0.3323

 38.6285, 0.3791,
0.3307


 16.4223, 0.5891,
0.3320


 46.7540, 0.3520,
0.3301

 15.0457, 0.6214,
0.3313

 56.2748, 0.3302,
0.3295

 14.3814, 0.6389,
0.3309

 67.2522, 0.3127,
0.3290

 14.3807, 0.6389,
0.3309

 79.7437, 0.2987,
0.3285

 93.0343, 0.2883,
0.3289

Harmonies

Analogous

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



26.2950, 0.3954, 0.2791



26.2950, 0.4524, 0.3318



26.2950, 0.4641, 0.3886

Triad

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



26.2950, 0.4524, 0.3318



26.2950, 0.2941, 0.4519



26.2950, 0.1994, 0.2157

Complementary

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



26.2950, 0.4524, 0.3318



55.0682, 0.2472, 0.3261

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.



26.2950, 0.1804, 0.2430



26.2950, 0.4524, 0.3318



26.2950, 0.2294, 0.3824

Square

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



26.2950, 0.4524, 0.3318



26.2950, 0.3679, 0.4707



26.2950, 0.1899, 0.3011



26.2950, 0.2459, 0.2153

Rectangle

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



26.2950, 0.4524, 0.3318



26.2950, 0.4460, 0.4247



26.2950, 0.1899, 0.3011



26.2950, 0.1899, 0.2215

Sweetspot

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



26.2964, 0.4524, 0.3318



76.1206, 0.3408, 0.3298



29.5785, 0.3201, 0.2109



15.6596, 0.3456, 0.3299



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.



26.2964, 0.4524, 0.3318



32.2909, 0.5007, 0.3322



41.2989, 0.4158, 0.3961



12.4574, 0.3291, 0.3295



8.7101, 0.6386, 0.3312



0.5387, 0.6339, 0.3349

Inverse Universe

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



55.0682, 0.2472, 0.3261



79.7630, 0.2382, 0.3255



32.6829, 0.2323, 0.2485



14.0664, 0.2983, 0.3285



30.8193, 0.2231, 0.3231



1.8718, 0.2234, 0.3242

Previews

White Background



This preview shows how the Yxy color 26.2950, 0.4524, 0.3318 looks on a white background.

Color Contrast Check

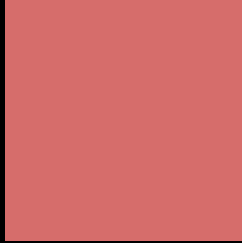
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2950, 0.4524, 0.3318 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 26.2950, 0.4524, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 26.2950, 0.4524, 0.3318.



This preview shows how white text looks on a background with the Yxy color 26.2950, 0.4524, 0.3318.

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

26.2950, 0.4524, 0.3318

Protanopia

26.4572, 0.3404, 0.3587

Deuteranopia

26.5227, 0.3859, 0.3784



Tritanopia

26.4100, 0.4433, 0.3210

Trichromacy



Original Color

26.2950, 0.4524, 0.3318

Protanomaly

25.7555, 0.3786, 0.3473

Deuteranomaly

26.1115, 0.4105, 0.3606

Tritanomaly

26.3420, 0.4474, 0.3246

Monochromacy



Original Color

26.2950, 0.4524, 0.3318

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4745, 0.3593, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2950, 0.4524, 0.3318 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, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 107)  
}
```

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, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 107) }
```

Border

The CSS property to change the border of an element to Yxy 26.2950, 0.4524, 0.3318 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, 109, 107) }
```

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

```
.border{ border-color:rgb(214, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2950, 0.4524, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 107) }
```

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

```
.background{ background-color: rgb(214,  
109, 107) }
```

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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