

Converting Colors

$Y_{xy}(26.2128, 0.4556, 0.3318)$

Have a look what the booklet for
Yxy(26.2128, 0.4556, 0.3318)
contains.

Yxy(26.2128, 0.4556, 0.3318)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2128, 0.4556, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	D76C6A
RGB	215, 108, 106
RGB Percent	84%, 42%, 42%
CMY	0.1568, 0.5765, 0.5843
CMYK	0.00, 0.50, 0.51, 0.16
HSL	1°, 58%, 63%
HSV	1°, 51%, 84%
XYZ	35.9932, 26.2128, 16.7958
YIQ	139.7650, 64.4140, 22.0620

Conversions

Conversions Part 2

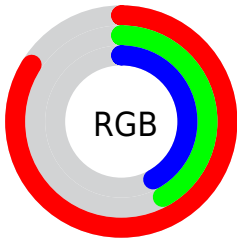
Format	Color
R_{YB}	215, 108, 106
Decimal	14117994
CIE _{Lab}	58.24, 41.75, 20.74
CIE _{LCh}	58, 46.613, 26.414
Yxy	26.2128, 0.4556, 0.3318
Android (android.graphics.Color)	4292308074 (0xFFD76C6A)
YUV	139.7650, -16.6461, 65.9811
Hunter-Lab	51.1984, 35.8908, 16.3887

Details

The Yxy color **26.2128, 0.4556, 0.3318** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55.5723, 0.2465, 0.3261**, and the grayscale version is **26.1763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5350, 0.4069, 0.3345**, and **10.2120, 0.5069, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **21.8957, 0.5014, 0.3322**, and if you desaturate by 10%, it is **31.7224, 0.4152, 0.3313**.

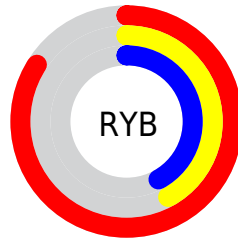
Distribution



Red (84%)

Green (42%)

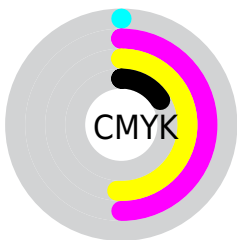
Blue (42%)



Red (84%)

Yellow (42%)

Blue (42%)

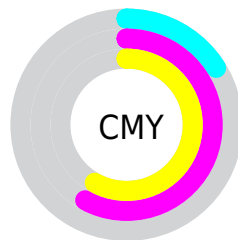


Cyan (0%)

Magenta (50%)

Yellow (51%)

Black (16%)



Cyan (16%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2128, 0.4556, 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 26.2128, 0.4556, 0.3318 by changing the saturation by 10% instead.


 26.2128, 0.4556,
0.3318


 26.2128, 0.4556,
0.3318


283.8251, 0.3768,
0.3338


 16.9829, 0.4776,
0.3297


 53.6180, 0.4252,
0.3336


 10.2223, 0.5070,
0.3258


 72.5622, 0.4143,
0.3339

 5.5466, 0.5479,
0.3183

 95.5132, 0.4054,
0.3341

 2.5714, 0.6085,
0.3032

 122.8555, 0.3978,
0.3341

 0.9123, 0.7227,
0.2773

154.9734, 0.3914,
0.3341

 0.0000, 1.0000,
0.0000

192.2514, 0.3858,

 0.0000, 0.0000,

0.3340

0.0000

235.0739, 0.3810,
0.3339

■ 26.2128, 0.4556,
0.3318

■ 26.2128, 0.4556,
0.3318

■ 21.8957, 0.5014,
0.3322

■ 31.7224, 0.4152,
0.3313

■ 18.6794, 0.5489,
0.3322

■ 38.4992, 0.3813,
0.3307

■ 16.4655, 0.5920,
0.3319


■ 46.6169, 0.3538,
0.3301


■ 15.1362, 0.6232,
0.3313

■ 56.1419, 0.3316,
0.3295

■ 14.5362, 0.6390,
0.3308

■ 67.1367, 0.3138,
0.3290

 79.6598, 0.2996,
0.3286

 93.1906, 0.2889,
0.3289

Harmonies

Analogous

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



26.2128, 0.3975, 0.2783



26.2128, 0.4556, 0.3318



26.2128, 0.4671, 0.3895

Triad

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



26.2128, 0.4556, 0.3318



26.2128, 0.2932, 0.4547



26.2128, 0.1974, 0.2135

Complementary

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



26.2128, 0.4556, 0.3318



55.5723, 0.2465, 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.



26.2128, 0.1780, 0.2410



26.2128, 0.4556, 0.3318



26.2128, 0.2274, 0.3832

Square

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



26.2128, 0.4556, 0.3318



26.2128, 0.3683, 0.4738



26.2128, 0.1875, 0.3000



26.2128, 0.2448, 0.2134

Rectangle

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



26.2128, 0.4556, 0.3318



26.2128, 0.4484, 0.4264



26.2128, 0.1875, 0.3000



26.2128, 0.1878, 0.2194

Sweetspot

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



26.2142, 0.4556, 0.3318



76.1153, 0.3408, 0.3298



29.5716, 0.3202, 0.2094



15.6584, 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.



26.2142, 0.4556, 0.3318



31.7315, 0.5056, 0.3322



41.4464, 0.4178, 0.3970



12.4569, 0.3291, 0.3295



8.7091, 0.6386, 0.3311



0.5384, 0.6340, 0.3348

Inverse Universe

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



55.5723, 0.2465, 0.3261



79.6125, 0.2375, 0.3254



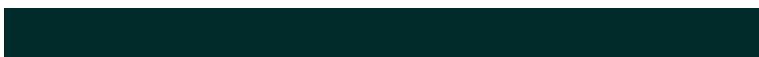
32.6612, 0.2311, 0.2470



14.0670, 0.2983, 0.3285



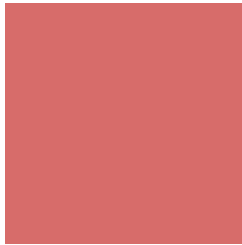
30.8360, 0.2231, 0.3232



1.8726, 0.2234, 0.3242

Previews

White Background



This preview shows how the Yxy color 26.2128, 0.4556, 0.3318 looks on a white background.

Color Contrast Check

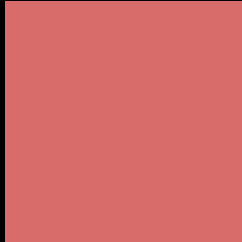
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2128, 0.4556, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

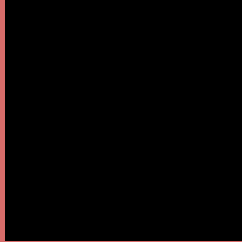
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2128, 0.4556, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 26.2128, 0.4556, 0.3318.



This preview shows how white text looks on a background with the Yxy color 26.2128, 0.4556, 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

26.2128, 0.4556, 0.3318

Protanopia

26.3397, 0.3403, 0.3605

Deuteranopia

26.4830, 0.3881, 0.3814



Tritanopia

26.3292, 0.4464, 0.3210

Trichromacy



Original Color

26.2128, 0.4556, 0.3318

Protanomaly

25.4700, 0.3803, 0.3474

Deuteranomaly

25.8369, 0.4124, 0.3606

Tritanomaly

26.2620, 0.4505, 0.3246

Monochromacy



Original Color

26.2128, 0.4556, 0.3318

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2123, 0.3597, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2128, 0.4556, 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(215, 108, 106)` looks like.

```
.text, #text, p{  
    color:rgb(215, 108, 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(215, 108, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 108, 106) }
```

Border

The CSS property to change the border of an element to Yxy 26.2128, 0.4556, 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(215, 108, 106) }
```

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

```
.border{ border-color:rgb(215, 108, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 108, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 108, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 108, 106);  
box-shadow:4px 4px 4px 4px rgb(215, 108,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2128, 0.4556, 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(215, 108, 106) }
```

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

```
.background{ background-color: rgb(215,  
108, 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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