

Converting Colors

$Y_{xy}(26.1005, 0.4474, 0.3380)$

Have a look what the booklet for
Yxy(26.1005, 0.4474, 0.3380)
contains.

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Color

Yxy(26.1636, 0.4476, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	D17069
RGB	209, 112, 105
RGB Percent	82%, 44%, 41%
CMY	0.1804, 0.5607, 0.5883
CMYK	0.00, 0.46, 0.50, 0.18
HSL	4°, 53%, 62%
HSV	4°, 50%, 82%
XYZ	34.6372, 26.1636, 16.5834
YIQ	140.2050, 60.0590, 18.3870

Conversions

Conversions Part 2

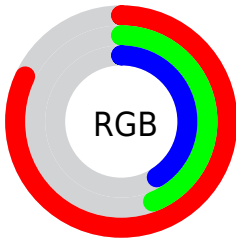
Format	Color
R_{YB}	209, 113, 105
Decimal	13725801
CIE _{Lab}	58.19, 37.35, 21.11
CIE _{LCh}	58, 42.900, 29.477
Yxy	26.1636, 0.4476, 0.3381
Android (android.graphics.Color)	4291915881 (0xFFD17069)
YUV	140.2050, -17.3561, 60.3332
Hunter-Lab	51.1504, 31.3606, 16.5829

Details

The Yxy color **26.1636, 0.4476, 0.3381** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.8313, 0.2461, 0.3190**, and the grayscale version is **26.3613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5706, 0.4066, 0.3388**, and **10.2223, 0.4967, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **21.9414, 0.4912, 0.3393**, and if you desaturate by 10%, it is **31.4246, 0.4093, 0.3364**.

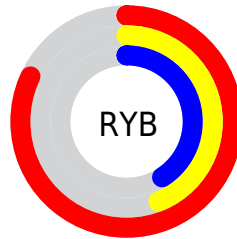
Distribution



Red (82%)

Green (44%)

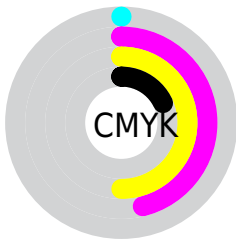
Blue (41%)



Red (82%)

Yellow (44%)

Blue (41%)

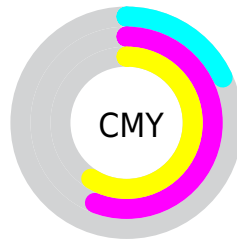


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (18%)



Cyan (18%)


Magenta (56%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1636, 0.4476, 0.3381 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 26.1636, 0.4476, 0.3381 by changing the saturation by 10% instead.


 26.1636, 0.4476,
0.3381


 26.1636, 0.4476,
0.3381


283.5843, 0.3732,
0.3365


 16.9461, 0.4684,
0.3371


 53.5388, 0.4189,
0.3384

 10.1960, 0.4963,
0.3347


 72.4652, 0.4086,
0.3383

 5.5291, 0.5354,
0.3292


 95.3967, 0.4001,
0.3380

 2.5609, 0.5939,
0.3173

 122.7177, 0.3930,
0.3377

 0.9071, 0.7042,
0.2958

154.8125, 0.3869,
0.3374

 0.0000, 1.0000,
0.0000

192.0656, 0.3817,

 0.0000, 0.0000,

0.3371

0.0000

234.8614, 0.3771,
0.3368

■ 26.1636, 0.4476,
0.3381

■ 26.1636, 0.4476,
0.3381

■ 21.9414, 0.4912,
0.3393

■ 31.4246, 0.4093,
0.3364

■ 18.6856, 0.5374,
0.3395

■ 37.7828, 0.3772,
0.3345

■ 16.3206, 0.5809,
0.3384

■ 45.2968, 0.3509,
0.3326

■ 14.7580, 0.6149,
0.3360

■ 54.0199, 0.3296,
0.3307


■ 13.8857, 0.6354,
0.3334

■ 64.0023, 0.3124,
0.3290

 13.8724, 0.6358,
0.3334

 75.2912, 0.2984,
0.3274

 87.9314, 0.2871,
0.3260

 92.2950, 0.2855,
0.3289

Harmonies

Analogous

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



26.1636, 0.3978, 0.2869



26.1636, 0.4476, 0.3381



26.1636, 0.4543, 0.3922

Triad

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



26.1636, 0.4476, 0.3381



26.1636, 0.2885, 0.4387



26.1636, 0.2086, 0.2203

Complementary

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



26.1636, 0.4476, 0.3381



49.8313, 0.2461, 0.3190

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.



26.1636, 0.1876, 0.2439



26.1636, 0.4476, 0.3381



26.1636, 0.2289, 0.3709

Square

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



26.1636, 0.4476, 0.3381



26.1636, 0.3584, 0.4628



26.1636, 0.1939, 0.2962



26.1636, 0.2559, 0.2223

Rectangle

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



26.1636, 0.4476, 0.3381



26.1636, 0.4349, 0.4255



26.1636, 0.1939, 0.2962



26.1636, 0.1986, 0.2251

Sweetspot

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



26.1650, 0.4476, 0.3381



77.0948, 0.3405, 0.3317



27.9213, 0.3256, 0.2164



15.8901, 0.3452, 0.3321



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.



26.1650, 0.4476, 0.3381



33.8829, 0.4954, 0.3393



41.0979, 0.4117, 0.4018



11.9347, 0.3289, 0.3306



8.6058, 0.6346, 0.3343



0.5272, 0.6177, 0.3477

Inverse Universe

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



49.8313, 0.2461, 0.3190



75.1439, 0.2362, 0.3166



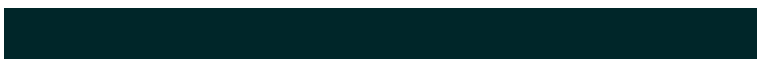
29.4354, 0.2312, 0.2409



13.2645, 0.2983, 0.3274



26.9272, 0.2189, 0.3079



1.5477, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 26.1636, 0.4476, 0.3381 looks on a white background.

Color Contrast Check

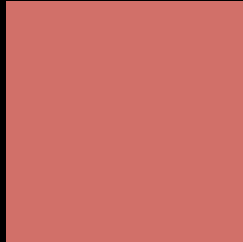
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1636, 0.4476, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

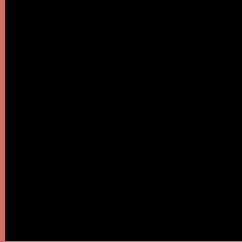
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1636, 0.4476, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 26.1636, 0.4476, 0.3381.



This preview shows how white text looks on a background with the Yxy color 26.1636, 0.4476, 0.3381.

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

26.1636, 0.4476, 0.3381

Protanopia

26.3601, 0.3446, 0.3654

Deuteranopia

26.2053, 0.3887, 0.3799



Tritanopia

26.1615, 0.4325, 0.3194

Trichromacy



Original Color

26.1636, 0.4476, 0.3381

Protanomaly

25.7036, 0.3805, 0.3551

Deuteranomaly

25.8261, 0.4106, 0.3638

Tritanomaly

26.2628, 0.4387, 0.3269

Monochromacy



Original Color

26.1636, 0.4476, 0.3381

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4969, 0.3578, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1636, 0.4476, 0.3381 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(209, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(209, 112, 105)  
}
```

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(209, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 112, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.1636, 0.4476, 0.3381 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(209, 112, 105) }
```

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

```
.border{ border-color:rgb(209, 112, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(209, 112,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1636, 0.4476, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 112, 105) }
```

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

```
.background{ background-color: rgb(209,  
112, 105) }
```

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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