

Converting Colors

$Y_{xy}(26.3081, 0.4487, 0.3380)$

Have a look what the booklet for
Yxy(26.3081, 0.4487, 0.3380)
contains.

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Color

Yxy(26.3099, 0.4487, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	D27069
RGB	210, 112, 105
RGB Percent	82%, 44%, 41%
CMY	0.1764, 0.5608, 0.5882
CMYK	0.00, 0.47, 0.50, 0.18
HSL	4°, 54%, 62%
HSV	4°, 50%, 82%
XYZ	34.9268, 26.3099, 16.6033
YIQ	140.5040, 60.6550, 18.5990

Conversions

Conversions Part 2

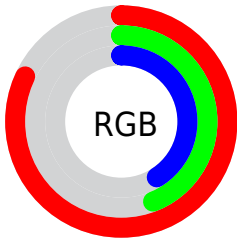
Format	Color
R_{YB}	210, 113, 105
Decimal	13791337
CIE _{Lab}	58.33, 37.74, 21.31
CIE _{LCh}	58, 43.342, 29.443
Yxy	26.3099, 0.4487, 0.3380
Android (android.graphics.Color)	4291981417 (0xFFD27069)
YUV	140.5040, -17.5035, 60.9480
Hunter-Lab	51.2932, 31.7820, 16.7134

Details

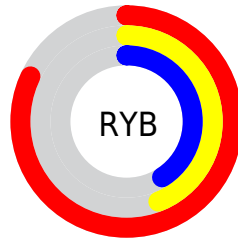
The Yxy color **26.3099, 0.4487, 0.3380** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.3851, 0.2459, 0.3191**, and the grayscale version is **26.4841, 0.3127, 0.3290**.

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 **22.0664, 0.4925, 0.3391**, and if you desaturate by 10%, it is **31.6046, 0.4102, 0.3364**.

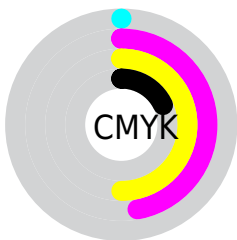
Distribution



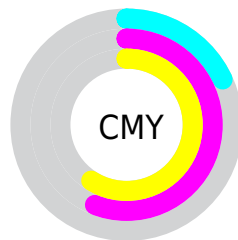
- Red (82%)
- Green (44%)
- Blue (41%)



- Red (82%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (18%)





- Cyan (18%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3099, 0.4487, 0.3380 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 26.3099, 0.4487, 0.3380 by changing the saturation by 10% instead.

 26.3099, 0.4487,
0.3380


 26.3099, 0.4487,
0.3380


284.3001, 0.3737,
0.3365


 17.0556, 0.4696,
0.3369


 53.7745, 0.4198,
0.3384


 10.2742, 0.4977,
0.3344


 72.7536, 0.4094,
0.3382

 5.5811, 0.5368,
0.3289

 95.7430, 0.4009,
0.3380

 2.5921, 0.5952,
0.3168

 123.1273, 0.3937,
0.3377

 0.9227, 0.7050,
0.2950

155.2907, 0.3876,
0.3374

 0.0000, 1.0000,
0.0000


192.6177, 0.3823,


 0.0000, 0.0000,

0.3371

0.0000


235.4927, 0.3777,
0.3368

 26.3099, 0.4487,
0.3380


 26.3099, 0.4487,
0.3380


 22.0664, 0.4925,
0.3391

 31.6046, 0.4102,
0.3364

 18.8001, 0.5387,
0.3393


 38.0096, 0.3779,
0.3345


 16.4342, 0.5821,
0.3382

 45.5849, 0.3515,
0.3326

 14.8785, 0.6158,
0.3358

 54.3845, 0.3300,
0.3307

 14.0179, 0.6359,
0.3333

 64.4594, 0.3127,
0.3290

■ 75.8576, 0.2987,
0.3274

■ 88.6246, 0.2873,
0.3260

■ 92.4446, 0.2860,
0.3289

Harmonies

Analogous

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



26.3099, 0.3985, 0.2865



26.3099, 0.4487, 0.3380



26.3099, 0.4554, 0.3925

Triad

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



26.3099, 0.4487, 0.3380



26.3099, 0.2883, 0.4398



26.3099, 0.2078, 0.2195

Complementary

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



26.3099, 0.4487, 0.3380



50.3851, 0.2459, 0.3191

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.



26.3099, 0.1867, 0.2432



26.3099, 0.4487, 0.3380



26.3099, 0.2282, 0.3714

Square

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



26.3099, 0.4487, 0.3380



26.3099, 0.3587, 0.4639



26.3099, 0.1931, 0.2959



26.3099, 0.2554, 0.2215

Rectangle

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



26.3099, 0.4487, 0.3380



26.3099, 0.4359, 0.4261



26.3099, 0.1931, 0.2959



26.3099, 0.1978, 0.2243

Sweetspot

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



26.3113, 0.4487, 0.3380



77.0738, 0.3405, 0.3316



28.2054, 0.3238, 0.2143



15.8851, 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.



26.3113, 0.4487, 0.3380



33.8474, 0.4955, 0.3392



40.8350, 0.4134, 0.4002



11.9327, 0.3289, 0.3306



8.6017, 0.6347, 0.3342



0.5262, 0.6180, 0.3475

Inverse Universe

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



50.3851, 0.2459, 0.3191



75.2409, 0.2363, 0.3167



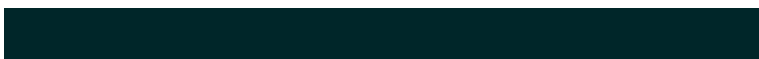
30.1993, 0.2313, 0.2431



13.2667, 0.2983, 0.3274



26.9869, 0.2190, 0.3083



1.5504, 0.2201, 0.3123

Previews

White Background



This preview shows how the Yxy color 26.3099, 0.4487, 0.3380 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 26.3099, 0.4487, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

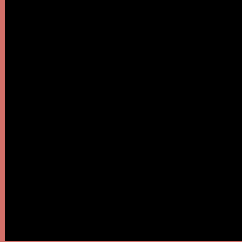
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3099, 0.4487, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 26.3099, 0.4487, 0.3380.



This preview shows how white text looks on a background with the Yxy color 26.3099, 0.4487, 0.3380.

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

26.3099, 0.4487, 0.3380

Protanopia

26.3601, 0.3446, 0.3654

Deuteranopia

26.4830, 0.3881, 0.3814



Tritanopia

26.3088, 0.4336, 0.3195

Trichromacy



Original Color

26.3099, 0.4487, 0.3380

Protanomaly

25.8154, 0.3817, 0.3550

Deuteranomaly

26.2053, 0.4111, 0.3650

Tritanomaly

26.4100, 0.4398, 0.3269

Monochromacy



Original Color

26.3099, 0.4487, 0.3380

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.6308, 0.3578, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3099, 0.4487, 0.3380 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(210, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 112, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.3099, 0.4487, 0.3380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

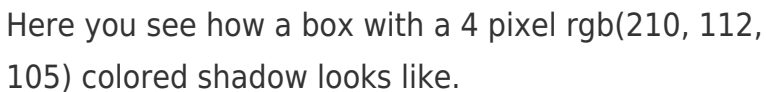
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 112, 105) }
```

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

```
.border{ border-color:rgb(210, 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(210, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(210, 112,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3099, 0.4487, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 112, 105) }
```

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

```
.background{ background-color: rgb(210,  
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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