

Converting Colors

$Y_{xy}(28.0146, 0.4252, 0.3268)$

Have a look what the booklet for
Yxy(28.0146, 0.4252, 0.3268)
contains.

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Color

Yxy(28.0146, 0.4252, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D27678
RGB	210, 118, 120
RGB Percent	82%, 46%, 47%
CMY	0.1764, 0.5373, 0.5294
CMYK	0.00, 0.44, 0.43, 0.18
HSL	359°, 51%, 64%
HSV	359°, 44%, 82%
XYZ	36.4498, 28.0146, 21.2595
YIQ	145.7360, 54.1900, 20.1260

Conversions

Conversions Part 2

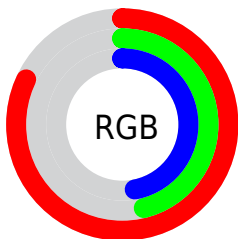
Format	Color
R _Y B	210, 118, 120
Decimal	13792888
CIE Lab	59.90, 36.10, 14.84
CIE LCh	60, 39.031, 22.343
Yxy	28.0146, 0.4252, 0.3268
Android (android.graphics.Color)	4291982968 (0xFFD27678)
YUV	145.7360, -12.6878, 56.3595
Hunter-Lab	52.9288, 30.3000, 13.2356

Details

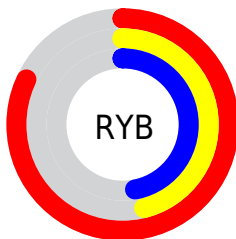
The Yxy color **28.0146, 0.4252, 0.3268** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.5037, 0.2549, 0.3315**, and the grayscale version is **28.6681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7436, 0.3886, 0.3292**, and **11.1576, 0.4645, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **23.1620, 0.4670, 0.3265**, and if you desaturate by 10%, it is **34.0781, 0.3898, 0.3273**.

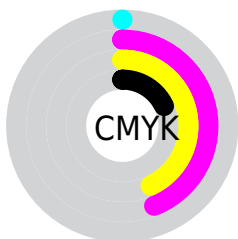
Distribution



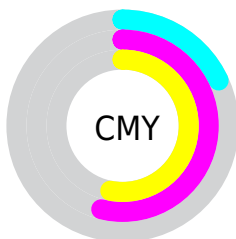
- Red (82%)
- Green (46%)
- Blue (47%)



- Red (82%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (43%)
- Black (18%)





- Cyan (18%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0146, 0.4252, 0.3268 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 28.0146, 0.4252, 0.3268 by changing the saturation by 10% instead.


 28.0146, 0.4252,
0.3268


 28.0146, 0.4252,
0.3268


292.5367, 0.3637,
0.3301

 18.3367, 0.4424,
0.3251


 56.5078, 0.4015,
0.3286

 11.1920, 0.4654,
0.3221


 76.0918, 0.3930,
0.3291

 6.1961, 0.4980,
0.3169

 99.7466, 0.3860,
0.3294

 2.9647, 0.5467,
0.3066

127.8566, 0.3801,
0.3297

 1.1133, 0.6589,
0.2991

160.8062, 0.3751,
0.3298

 0.0000, 1.0000,
0.0000


198.9799, 0.3707,

 0.0000, 0.0000,


0.3299


0.0000


242.7619, 0.3670,
0.3300


 28.0146, 0.4252,
0.3268


 28.0146, 0.4252,
0.3268


 23.1620, 0.4670,
0.3265


 34.0781, 0.3898,
0.3273


 19.4350, 0.5136,
0.3265


 41.4215, 0.3608,
0.3278


 16.7446, 0.5605,
0.3268


 50.1139, 0.3375,
0.3283

 14.9859, 0.6011,
0.3276

 60.2181, 0.3188,
0.3288

 14.0323, 0.6283,
0.3286

 71.7929, 0.3039,
0.3293

 13.7133, 0.6381,
0.3289

 84.8941, 0.2919,
0.3297

 92.4432, 0.2860,
0.3289

Harmonies

Analogous

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



28.0146, 0.3741, 0.2815



28.0146, 0.4252, 0.3268



28.0146, 0.4414, 0.3761

Triad

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



28.0146, 0.4252, 0.3268



28.0146, 0.3067, 0.4345



28.0146, 0.2120, 0.2340

Complementary

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



28.0146, 0.4252, 0.3268



54.5037, 0.2549, 0.3315

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.



28.0146, 0.1986, 0.2622



28.0146, 0.4252, 0.3268



28.0146, 0.2491, 0.3823

Square

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



28.0146, 0.4252, 0.3268



28.0146, 0.3691, 0.4464



28.0146, 0.2110, 0.3153



28.0146, 0.2498, 0.2300

Rectangle

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



28.0146, 0.4252, 0.3268



28.0146, 0.4304, 0.4070



28.0146, 0.2110, 0.3153



28.0146, 0.2047, 0.2406

Sweetspot

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



28.0160, 0.4252, 0.3268



78.7278, 0.3361, 0.3283



30.8674, 0.3146, 0.2216



16.1599, 0.3408, 0.3282



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.



28.0160, 0.4252, 0.3268



36.0822, 0.4660, 0.3265



40.4790, 0.4026, 0.3827



11.8124, 0.3287, 0.3285



8.3659, 0.6375, 0.3285



0.4693, 0.6290, 0.3239

Inverse Universe

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



28.0160, 0.4252, 0.3268



36.0822, 0.4660, 0.3265



36.1687, 0.2434, 0.2673



11.8124, 0.3287, 0.3285



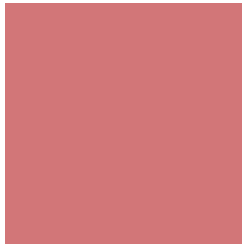
8.3659, 0.6375, 0.3285



0.4693, 0.6290, 0.3239

Previews

White Background



This preview shows how the Yxy color 28.0146, 0.4252, 0.3268 looks on a white background.

Color Contrast Check

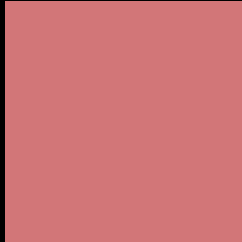
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0146, 0.4252, 0.3268 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 28.0146, 0.4252, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 28.0146, 0.4252, 0.3268.



This preview shows how white text looks on a background with the Yxy color 28.0146, 0.4252, 0.3268.

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

28.0146, 0.4252, 0.3268

Protanopia

28.1240, 0.3302, 0.3467

Deuteranopia

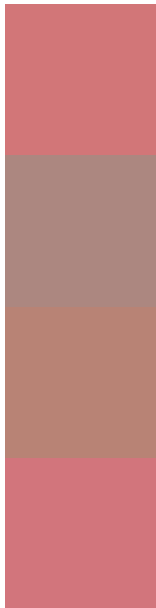
28.1612, 0.3716, 0.3641



Tritanopia

27.9306, 0.4179, 0.3180

Trichromacy



Original Color

28.0146, 0.4252, 0.3268

Protanomaly

27.6571, 0.3632, 0.3396

Deuteranomaly

27.7073, 0.3919, 0.3492

Tritanomaly

27.8795, 0.4205, 0.3205

Monochromacy



Original Color

28.0146, 0.4252, 0.3268

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.8495, 0.3492, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0146, 0.4252, 0.3268 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, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(210, 118, 120)  
}
```

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, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 118, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.0146, 0.4252, 0.3268 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, 118, 120) }
```

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

```
.border{ border-color:rgb(210, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(210, 118,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0146, 0.4252, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 118, 120) }
```

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

```
.background{ background-color: rgb(210,  
118, 120) }
```

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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