

Converting Colors

$Yxy(28.3745, 0.4415, 0.3383)$

Have a look what the booklet for
Yxy(28.3745, 0.4415, 0.3383)
contains.

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Color

Yxy(28.4007, 0.4412, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	D6766F
RGB	214, 118, 111
RGB Percent	84%, 46%, 44%
CMY	0.1607, 0.5373, 0.5647
CMYK	0.00, 0.45, 0.48, 0.16
HSL	4°, 56%, 64%
HSV	4°, 48%, 84%
XYZ	37.0831, 28.4007, 18.5668
YIQ	145.9060, 59.4630, 18.1750

Conversions

Conversions Part 2

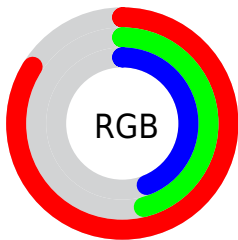
Format	Color
R _Y B	214, 119, 111
Decimal	14055023
CIE Lab	60.25, 36.70, 20.56
CIE LCh	60, 42.062, 29.258
Yxy	28.4007, 0.4412, 0.3379
Android (android.graphics.Color)	4292245103 (0xFFD6766F)
YUV	145.9060, -17.2087, 59.7184
Hunter-Lab	53.2923, 30.9466, 16.6483

Details

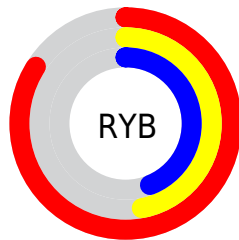
The Yxy color **28.4007, 0.4412, 0.3379** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.8735, 0.2477, 0.3194**, and the grayscale version is **28.7581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4094, 0.3970, 0.3387**, and **11.4411, 0.4874, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **23.7741, 0.4842, 0.3392**, and if you desaturate by 10%, it is **34.1367, 0.4038, 0.3362**.

Distribution



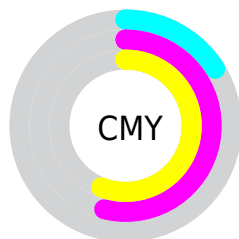
- Red (84%)
- Green (46%)
- Blue (44%)



- Red (84%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (16%)



- Cyan (16%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4007, 0.4412, 0.3379 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 28.4007, 0.4412, 0.3379 by changing the saturation by 10% instead.

 28.4007, 0.4412,
0.3379


 28.4007, 0.4412,
0.3379


294.3767, 0.3711,
0.3361

 18.6279, 0.4605,
0.3371


 57.1235, 0.4144,
0.3381


 11.4017, 0.4862,
0.3352


 76.8424, 0.4047,
0.3379

 6.3377, 0.5220,
0.3308


 100.6454, 0.3967,
0.3376

 3.0515, 0.5739,
0.3206

 128.9170, 0.3899,
0.3373

 1.1587, 0.6882,
0.3118

162.0415, 0.3842,
0.3370

 0.0276, 0.9710,
0.0290


200.4034, 0.3792,

 0.0000, 0.0000,


0.3367


0.0000


244.3870, 0.3749,
0.3364


 28.4007, 0.4412,
0.3379


 28.4007, 0.4412,
0.3379


 23.7741, 0.4842,
0.3392


 34.1367, 0.4038,
0.3362

 20.1811, 0.5303,
0.3396


 41.0426, 0.3726,
0.3342

 17.5434, 0.5747,
0.3387

 49.1800, 0.3472,
0.3323


 15.7696, 0.6106,
0.3365


 58.6048, 0.3265,
0.3304

 14.7483, 0.6328,
0.3336

 69.3695, 0.3099,
0.3287

 14.6272, 0.6358,
0.3333

 81.5235, 0.2964,
0.3271

 93.0388, 0.2883,
0.3289

Harmonies

Analogous

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



28.4007, 0.3935, 0.2885



28.4007, 0.4412, 0.3379



28.4007, 0.4482, 0.3900

Triad

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



28.4007, 0.4412, 0.3379



28.4007, 0.2904, 0.4334



28.4007, 0.2125, 0.2247

Complementary

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



28.4007, 0.4412, 0.3379



52.8735, 0.2477, 0.3194

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.



28.4007, 0.1924, 0.2480



28.4007, 0.4412, 0.3379



28.4007, 0.2330, 0.3696

Square

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



28.4007, 0.4412, 0.3379



28.4007, 0.3574, 0.4564



28.4007, 0.1989, 0.2985



28.4007, 0.2580, 0.2263

Rectangle

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



28.4007, 0.4412, 0.3379



28.4007, 0.4302, 0.4217



28.4007, 0.1989, 0.2985



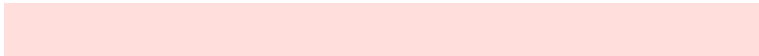
28.4007, 0.2029, 0.2296

Sweetspot

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



28.4022, 0.4412, 0.3379



78.4859, 0.3384, 0.3315



30.1805, 0.3252, 0.2195



16.1647, 0.3431, 0.3319



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.



28.4022, 0.4412, 0.3379



35.0786, 0.4862, 0.3392



43.9632, 0.4079, 0.3997



12.5548, 0.3289, 0.3306



8.8944, 0.6347, 0.3343



0.5851, 0.6186, 0.3470

Inverse Universe

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



52.8735, 0.2477, 0.3194



75.6333, 0.2379, 0.3170



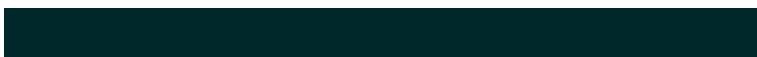
31.8927, 0.2337, 0.2442



13.9568, 0.2983, 0.3274



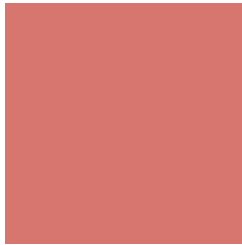
27.8181, 0.2188, 0.3078



1.7222, 0.2199, 0.3117

Previews

White Background



This preview shows how the Yxy color 28.4007, 0.4412, 0.3379 looks on a white background.

Color Contrast Check

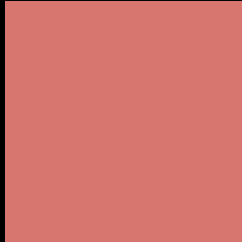
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4007, 0.4412, 0.3379 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 28.4007, 0.4412, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 28.4007, 0.4412, 0.3379.



This preview shows how white text looks on a background with the Yxy color 28.4007, 0.4412, 0.3379.

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

28.4007, 0.4412, 0.3379

Protanopia

28.4783, 0.3426, 0.3627

Deuteranopia

28.5884, 0.3845, 0.3785



Tritanopia

28.3931, 0.4266, 0.3196

Trichromacy



Original Color

28.4007, 0.4412, 0.3379

Protanomaly

27.7738, 0.3771, 0.3529

Deuteranomaly

28.1500, 0.4055, 0.3629

Tritanomaly

28.5016, 0.4326, 0.3269

Monochromacy



Original Color

28.4007, 0.4412, 0.3379

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9597, 0.3560, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4007, 0.4412, 0.3379 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, 118, 111)` looks like.

```
.text, #text, p{  
    color:rgb(214, 118, 111)  
}
```

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, 118, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 118, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.4007, 0.4412, 0.3379 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, 118, 111) }
```

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

```
.border{ border-color:rgb(214, 118, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 118, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 118, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 118, 111);  
box-shadow:4px 4px 4px 4px rgb(214, 118,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4007, 0.4412, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 118, 111) }
```

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

```
.background{ background-color: rgb(214,  
118, 111) }
```

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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