

Converting Colors

Yxy(30.3457, 0.4158, 0.3268)

Have a look what the booklet for
Yxy(30.3457, 0.4158, 0.3268)
contains.

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Color

Yxy(30.3457, 0.4158, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D57D7F
RGB	213, 125, 127
RGB Percent	84%, 49%, 50%
CMY	0.1646, 0.5098, 0.5020
CMYK	0.00, 0.41, 0.40, 0.16
HSL	359°, 51%, 66%
HSV	359°, 41%, 84%
XYZ	38.6100, 30.3457, 23.9014
YIQ	151.5400, 51.8060, 19.2780

Conversions

Conversions Part 2

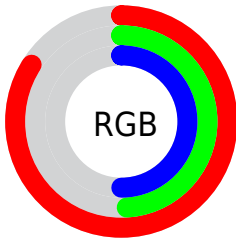
Format	Color
R _Y B	213, 125, 127
Decimal	13991295
CIE Lab	61.95, 34.31, 13.75
CIE LCh	62, 36.959, 21.844
Yxy	30.3457, 0.4158, 0.3268
Android (android.graphics.Color)	4292181375 (0xFFD57D7F)
YUV	151.5400, -12.0982, 53.9004
Hunter-Lab	55.0869, 28.7071, 12.8358

Details

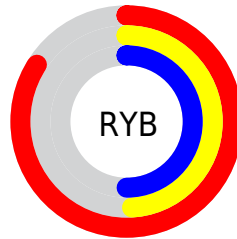
The Yxy color **30.3457, 0.4158, 0.3268** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.6632, 0.2575, 0.3315**, and the grayscale version is **31.2278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7955, 0.3790, 0.3281**, and **12.4162, 0.4510, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **25.0324, 0.4561, 0.3264**, and if you desaturate by 10%, it is **36.9306, 0.3820, 0.3273**.

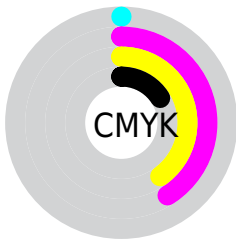
Distribution



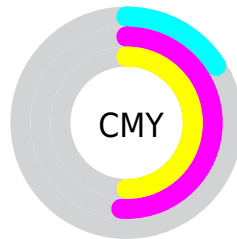
- Red (84%)
- Green (49%)
- Blue (50%)



- Red (84%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3457, 0.4158, 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 30.3457, 0.4158, 0.3268 by changing the saturation by 10% instead.


 30.3457, 0.4158,
0.3268


 30.3457, 0.4158,
0.3268


303.5125, 0.3601,
0.3297


 20.1011, 0.4311,
0.3253


 60.2085, 0.3945,
0.3284

 12.4686, 0.4516,
0.3229


 80.5954, 0.3868,
0.3288

 7.0636, 0.4802,
0.3187


 105.1320, 0.3805,
0.3291

 3.5019, 0.5227,
0.3106

134.2026, 0.3751,
0.3293

 1.3991, 0.6002,
0.2978

168.1915, 0.3705,
0.3295

 0.2160, 0.8306,
0.1694

207.4832, 0.3666,

 0.0000, 0.0000,


0.3296


0.0000


252.4621, 0.3631,
0.3296


 30.3457, 0.4158,
0.3268

 30.3457, 0.4158,
0.3268


 25.0324, 0.4561,
0.3264


 36.9306, 0.3820,
0.3273

 20.9046, 0.5018,
0.3263


 44.8571, 0.3545,
0.3279


 17.8727, 0.5492,
0.3265


 54.1951, 0.3324,
0.3284


 15.8325, 0.5921,
0.3272


 65.0087, 0.3148,
0.3289

 14.6595, 0.6231,
0.3283

 77.3580, 0.3006,
0.3294

 14.1602, 0.6381,
0.3289

 91.2995, 0.2893,
0.3299

 92.8896, 0.2877,
0.3289

Harmonies

Analogous

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



30.3457, 0.3685, 0.2843



30.3457, 0.4158, 0.3268



30.3457, 0.4317, 0.3729

Triad

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



30.3457, 0.4158, 0.3268



30.3457, 0.3087, 0.4260



30.3457, 0.2185, 0.2410

Complementary

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



30.3457, 0.4158, 0.3268



56.6632, 0.2575, 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.



30.3457, 0.2064, 0.2682



30.3457, 0.4158, 0.3268



30.3457, 0.2549, 0.3790

Square

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



30.3457, 0.4158, 0.3268



30.3457, 0.3664, 0.4370



30.3457, 0.2187, 0.3178



30.3457, 0.2537, 0.2367

Rectangle

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



30.3457, 0.4158, 0.3268



30.3457, 0.4222, 0.4015



30.3457, 0.2187, 0.3178



30.3457, 0.2118, 0.2475

Sweetspot

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



30.3472, 0.4158, 0.3268



80.2282, 0.3340, 0.3284



33.1852, 0.3145, 0.2272



16.7540, 0.3367, 0.3283



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.



30.3472, 0.4158, 0.3268



38.1910, 0.4526, 0.3265



42.9291, 0.3963, 0.3797



12.4254, 0.3288, 0.3285



8.6496, 0.6374, 0.3285



0.5234, 0.6291, 0.3239

Inverse Universe

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



30.3472, 0.4158, 0.3268



38.1910, 0.4526, 0.3265



38.6476, 0.2472, 0.2713



12.4254, 0.3288, 0.3285



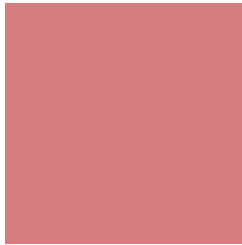
8.6496, 0.6374, 0.3285



0.5234, 0.6291, 0.3239

Previews

White Background



This preview shows how the Yxy color 30.3457, 0.4158, 0.3268 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.3457, 0.4158, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

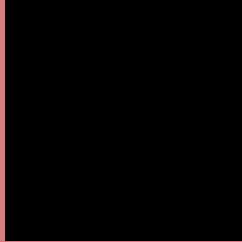
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3457, 0.4158, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 30.3457, 0.4158, 0.3268.



This preview shows how white text looks on a background with the Yxy color 30.3457, 0.4158, 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

30.3457, 0.4158, 0.3268

Protanopia

30.6747, 0.3275, 0.3446

Deuteranopia

30.4004, 0.3665, 0.3586



Tritanopia

30.4049, 0.4099, 0.3181

Trichromacy



Original Color

30.3457, 0.4158, 0.3268

Protanomaly

30.0291, 0.3578, 0.3379

Deuteranomaly

30.0634, 0.3842, 0.3460

Tritanomaly

30.3501, 0.4124, 0.3206

Monochromacy



Original Color

30.3457, 0.4158, 0.3268

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3278, 0.3466, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3457, 0.4158, 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(213, 125, 127)` looks like.

```
.text, #text, p{  
    color:rgb(213, 125, 127)  
}
```

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(213, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 125, 127) }
```

Border

The CSS property to change the border of an element to Yxy 30.3457, 0.4158, 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(213, 125, 127) }
```

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

```
.border{ border-color:rgb(213, 125, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 125, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 125, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 125, 127);  
box-shadow:4px 4px 4px 4px rgb(213, 125,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3457, 0.4158, 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(213, 125, 127) }
```

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

```
.background{ background-color: rgb(213,  
125, 127) }
```

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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