

Converting Colors

Yxy(30.9883, 0.4358, 0.3402)

Have a look what the booklet for
Yxy(30.9883, 0.4358, 0.3402)
contains.

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Color

Yxy(30.9883, 0.4358, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	DB7D74
RGB	219, 125, 116
RGB Percent	86%, 49%, 45%
CMY	0.1412, 0.5097, 0.5452
CMYK	0.00, 0.43, 0.47, 0.14
HSL	5°, 59%, 66%
HSV	5°, 47%, 86%
XYZ	39.6964, 30.9883, 20.4038
YIQ	152.0800, 58.9130, 17.1290

Conversions

Conversions Part 2

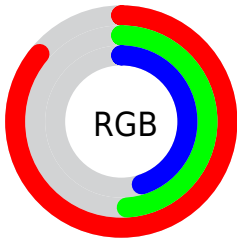
Format	Color
R _Y B	219, 126, 116
Decimal	14384500
CIE Lab	62.50, 35.39, 20.89
CIE LCh	62, 41.098, 30.553
Yxy	30.9883, 0.4358, 0.3402
Android (android.graphics.Color)	4292574580 (0xFFDB7D74)
YUV	152.0800, -17.7874, 58.6888
Hunter-Lab	55.6671, 29.8713, 17.2353

Details

The Yxy color **30.9883, 0.4358, 0.3402** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.8945, 0.2483, 0.3168**, and the grayscale version is **31.4956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3274, 0.3898, 0.3408**, and **12.8920, 0.4777, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **25.9788, 0.4776, 0.3419**, and if you desaturate by 10%, it is **37.1382, 0.3996, 0.3379**.

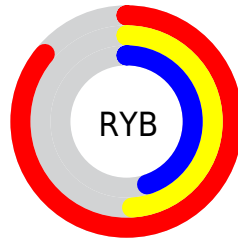
Distribution



Red (86%)

Green (49%)

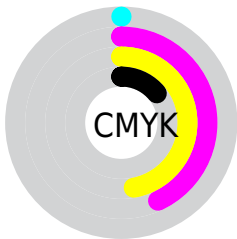
Blue (45%)



Red (86%)

Yellow (49%)

Blue (45%)

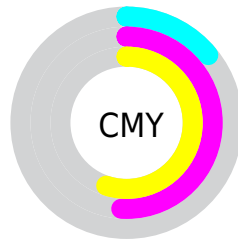


Cyan (0%)

Magenta (43%)

Yellow (47%)

Black (14%)



Cyan (14%)


Magenta (51%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9883, 0.4358, 0.3402 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 30.9883, 0.4358, 0.3402 by changing the saturation by 10% instead.


 30.9883, 0.4358,
0.3402


 30.9883, 0.4358,
0.3402


306.4844, 0.3695,
0.3371


 20.5899, 0.4537,
0.3399


 61.2217, 0.4107,
0.3398

 12.8246, 0.4774,
0.3387


 81.8254, 0.4015,
0.3394

 7.3079, 0.5101,
0.3357


 106.5998, 0.3939,
0.3390

 3.6554, 0.5570,
0.3281

135.9292, 0.3875,
0.3386

 1.4827, 0.6634,
0.3265

170.1979, 0.3820,
0.3382

 0.2765, 0.8075,
0.1925

209.7904, 0.3773,


 0.0000, 1.0000,


0.3378


0.0000


255.0911, 0.3732,
0.3374


 0.0000, 0.0000,
0.0000


 30.9883, 0.4358,
0.3402


 30.9883, 0.4358,
0.3402


 25.9788, 0.4776,
0.3419


 37.1382, 0.3996,
0.3379


 22.0352, 0.5230,
0.3426

 44.4879, 0.3693,
0.3354


 19.0814, 0.5676,
0.3418


 53.0980, 0.3446,
0.3329


 17.0292, 0.6049,
0.3392

 63.0240, 0.3245,
0.3306

 15.7737, 0.6292,
0.3353

 74.3177, 0.3083,
0.3284

 15.5319, 0.6343,
0.3346

 87.0284, 0.2950,
0.3264

 93.7988, 0.2911,
0.3289

Harmonies

Analogous

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



30.9883, 0.3920, 0.2924



30.9883, 0.4358, 0.3402



30.9883, 0.4411, 0.3899

Triad

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



30.9883, 0.4358, 0.3402



30.9883, 0.2892, 0.4255



30.9883, 0.2185, 0.2290

Complementary

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



30.9883, 0.4358, 0.3402



54.8945, 0.2483, 0.3168

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.



30.9883, 0.1980, 0.2505



30.9883, 0.4358, 0.3402



30.9883, 0.2350, 0.3646

Square

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



30.9883, 0.4358, 0.3402



30.9883, 0.3531, 0.4497



30.9883, 0.2032, 0.2979



30.9883, 0.2631, 0.2313

Rectangle

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



30.9883, 0.4358, 0.3402



30.9883, 0.4232, 0.4197



30.9883, 0.2032, 0.2979



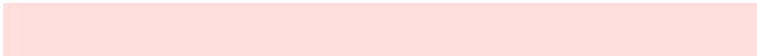
30.9883, 0.2088, 0.2334

Sweetspot

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



30.9899, 0.4358, 0.3402



78.8630, 0.3383, 0.3322



32.2170, 0.3266, 0.2232



16.2551, 0.3429, 0.3327



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.



30.9899, 0.4358, 0.3402



37.0335, 0.4752, 0.3419



47.3963, 0.4044, 0.4002



13.2342, 0.3289, 0.3311



9.2777, 0.6329, 0.3356



0.6660, 0.6140, 0.3507

Inverse Universe

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



54.8945, 0.2483, 0.3168



74.4616, 0.2389, 0.3140



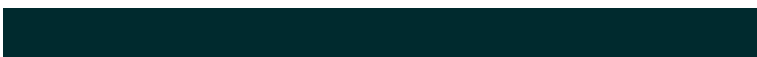
33.5864, 0.2350, 0.2438



14.6239, 0.2982, 0.3269



27.5491, 0.2171, 0.3014



1.8433, 0.2184, 0.3063

Previews

White Background



This preview shows how the Yxy color 30.9883, 0.4358, 0.3402 looks on a white background.

Color Contrast Check

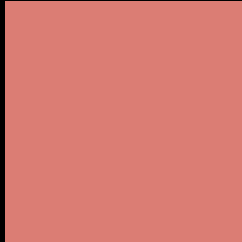
Large Text (above 18pt) WCAG AA × Fail

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 30.9883, 0.4358, 0.3402 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 30.9883, 0.4358, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 30.9883, 0.4358, 0.3402.



This preview shows how white text looks on a background with the Yxy color 30.9883, 0.4358, 0.3402.

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

30.9883, 0.4358, 0.3402

Protanopia

31.1653, 0.3445, 0.3645

Deuteranopia

31.0044, 0.3845, 0.3768



Tritanopia

31.0475, 0.4181, 0.3185

Trichromacy



Original Color

30.9883, 0.4358, 0.3402

Protanomaly

30.6250, 0.3752, 0.3550

Deuteranomaly

30.8385, 0.4041, 0.3631

Tritanomaly

31.1373, 0.4251, 0.3269

Monochromacy



Original Color

30.9883, 0.4358, 0.3402

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.4402, 0.3532, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9883, 0.4358, 0.3402 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(219, 125, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 125, 116)  
}
```

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(219, 125, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 125, 116) }
```

Border

The CSS property to change the border of an element to Yxy 30.9883, 0.4358, 0.3402 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(219, 125, 116) }
```

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

```
.border{ border-color:rgb(219, 125, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 125, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 125, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 125, 116);  
box-shadow:4px 4px 4px 4px rgb(219, 125,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9883, 0.4358, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 125, 116) }
```

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

```
.background{ background-color: rgb(219,  
125, 116) }
```

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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