

Converting Colors

$Y_{xy}(29.9639, 0.4213, 0.3411)$

Have a look what the booklet for
Yxy(29.9639, 0.4213, 0.3411)
contains.

Yxy(30.0421, 0.4214, 0.3407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.0421, 0.4214, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	D17F76
RGB	209, 127, 118
RGB Percent	82%, 50%, 46%
CMY	0.1803, 0.5020, 0.5373
CMYK	0.00, 0.39, 0.44, 0.18
HSL	6°, 50%, 64%
HSV	6°, 44%, 82%
XYZ	37.1580, 30.0421, 20.9774
YIQ	150.4920, 51.7610, 14.5850

Conversions

Conversions Part 2

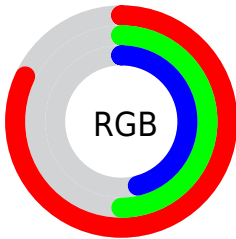
Format	Color
R _Y B	209, 128, 118
Decimal	13729654
CIE Lab	61.69, 30.73, 18.44
CIE LCh	62, 35.835, 30.964
Yxy	30.0421, 0.4214, 0.3407
Android (android.graphics.Color)	4291919734 (0xFFD17F76)
YUV	150.4920, -16.0186, 51.3115
Hunter-Lab	54.8107, 25.0926, 15.6757

Details

The Yxy color **30.0421, 0.4214, 0.3407** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.7735, 0.2521, 0.3165**, and the grayscale version is **30.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2100, 0.3873, 0.3408**, and **12.2865, 0.4595, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **25.1819, 0.4609, 0.3429**, and if you desaturate by 10%, it is **35.9248, 0.3877, 0.3380**.

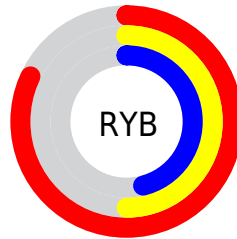
Distribution



Red (82%)

Green (50%)

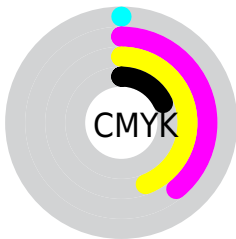
Blue (46%)



Red (82%)

Yellow (50%)

Blue (46%)

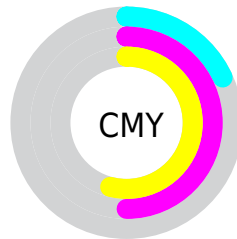


Cyan (0%)

Magenta (39%)

Yellow (44%)

Black (18%)



Cyan (18%)


Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0421, 0.4214, 0.3407 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 30.0421, 0.4214, 0.3407 by changing the saturation by 10% instead.


 30.0421, 0.4214,
0.3407


 30.0421, 0.4214,
0.3407


302.1006, 0.3625,
0.3366


 19.8705, 0.4375,
0.3409


 59.7288, 0.3989,
0.3398

 12.3010, 0.4591,
0.3405


 80.0126, 0.3908,
0.3393

 6.9490, 0.4890,
0.3388


 104.4361, 0.3841,
0.3387

 3.4302, 0.5330,
0.3335

133.3835, 0.3784,
0.3383

 1.3603, 0.6346,
0.3358

167.2393, 0.3736,
0.3378

 0.1872, 0.8326,
0.1674

206.3878, 0.3694,

 0.0000, 0.0000,

0.3374

0.0000

251.2134, 0.3658,
0.3370

■ 30.0421, 0.4214,
0.3407

■ 30.0421, 0.4214,
0.3407

■ 25.1819, 0.4609,
0.3429

■ 35.9248, 0.3877,
0.3380

■ 21.2817, 0.5048,
0.3442

■ 42.8790, 0.3598,
0.3352

■ 18.2787, 0.5499,
0.3440

■ 50.9560, 0.3370,
0.3325

■ 16.1013, 0.5905,
0.3419

■ 60.2026, 0.3184,
0.3299

■ 14.6664, 0.6203,
0.3380

■ 70.6626, 0.3034,
0.3275

 14.0826, 0.6330,
0.3356

 82.3778, 0.2911,
0.3253

 92.2984, 0.2855,
0.3289

Harmonies

Analogous

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



30.0421, 0.3833, 0.2973



30.0421, 0.4214, 0.3407



30.0421, 0.4262, 0.3852

Triad

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



30.0421, 0.4214, 0.3407



30.0421, 0.2919, 0.4123



30.0421, 0.2290, 0.2396

Complementary

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



30.0421, 0.4214, 0.3407



49.7735, 0.2521, 0.3165

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.



30.0421, 0.2101, 0.2594



30.0421, 0.4214, 0.3407



30.0421, 0.2434, 0.3597

Square

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



30.0421, 0.4214, 0.3407



30.0421, 0.3486, 0.4347



30.0421, 0.2148, 0.3016



30.0421, 0.2697, 0.2416

Rectangle

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



30.0421, 0.4214, 0.3407



30.0421, 0.4107, 0.4110



30.0421, 0.2148, 0.3016



30.0421, 0.2202, 0.2437

Sweetspot

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



30.0436, 0.4214, 0.3407



80.4455, 0.3361, 0.3323



30.7513, 0.3254, 0.2307



16.5765, 0.3408, 0.3330



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.



30.0436, 0.4214, 0.3407



40.1462, 0.4569, 0.3427



44.0272, 0.3960, 0.3949



11.9936, 0.3288, 0.3314



8.7477, 0.6316, 0.3367



0.5549, 0.6083, 0.3552

Inverse Universe

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



49.7735, 0.2521, 0.3165



74.8245, 0.2424, 0.3135



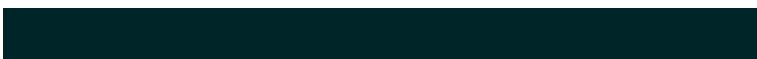
32.2063, 0.2411, 0.2516



13.1989, 0.2983, 0.3266



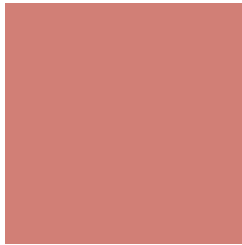
25.1839, 0.2161, 0.2979



1.4673, 0.2178, 0.3041

Previews

White Background



This preview shows how the Yxy color 30.0421, 0.4214, 0.3407 looks on a white background.

Color Contrast Check

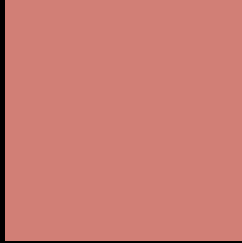
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0421, 0.4214, 0.3407 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 30.0421, 0.4214, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 30.0421, 0.4214, 0.3407.



This preview shows how white text looks on a background with the Yxy color 30.0421, 0.4214, 0.3407.

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

30.0421, 0.4214, 0.3407

Protanopia

30.2480, 0.3408, 0.3603

Deuteranopia

29.9967, 0.3778, 0.3704



Tritanopia

30.0901, 0.4037, 0.3179

Trichromacy



Original Color

30.0421, 0.4214, 0.3407

Protanomaly

29.7605, 0.3689, 0.3526

Deuteranomaly

29.7171, 0.3934, 0.3587

Tritanomaly

30.1819, 0.4107, 0.3268

Monochromacy



Original Color

30.0421, 0.4214, 0.3407

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8389, 0.3487, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0421, 0.4214, 0.3407 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(209, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(209, 127, 118)  
}
```

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(209, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 127, 118) }
```

Border

The CSS property to change the border of an element to Yxy 30.0421, 0.4214, 0.3407 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(209, 127, 118) }
```

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

```
.border{ border-color:rgb(209, 127, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 127, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 127, 118);  
box-shadow:4px 4px 4px 4px rgb(209, 127,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0421, 0.4214, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 127, 118) }
```

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

```
.background{ background-color: rgb(209,  
127, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor