

Converting Colors

Yxy(30.8556, 0.4193, 0.3435)

Have a look what the booklet for
Yxy(30.8556, 0.4193, 0.3435)
contains.

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Color

Yxy(30.8525, 0.4184, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	D18277
RGB	209, 130, 119
RGB Percent	82%, 51%, 47%
CMY	0.1803, 0.4902, 0.5333
CMYK	0.00, 0.38, 0.43, 0.18
HSL	7°, 49%, 64%
HSV	7°, 43%, 82%
XYZ	37.6127, 30.8525, 21.4313
YIQ	152.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

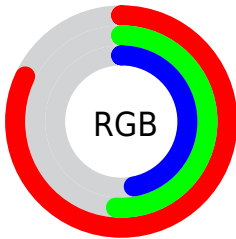
Format	Color
R _Y B	209, 132, 119
Decimal	13730423
CIE Lab	62.38, 29.23, 18.80
CIE LCh	62, 34.755, 32.754
Yxy	30.8525, 0.4184, 0.3432
Android (android.graphics.Color)	4291920503 (0xFFD18277)
YUV	152.3670, -16.4499, 49.6671
Hunter-Lab	55.5450, 23.6688, 16.0052

Details

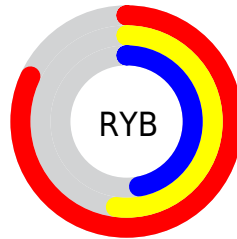
The Yxy color **30.8525, 0.4184, 0.3432** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.9397, 0.2521, 0.3138**, and the grayscale version is **31.6236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4813, 0.3854, 0.3429**, and **12.7223, 0.4547, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **25.9512, 0.4568, 0.3460**, and if you desaturate by 10%, it is **36.7382, 0.3856, 0.3399**.

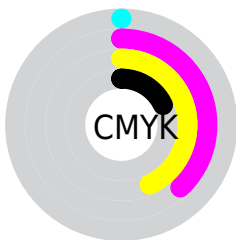
Distribution



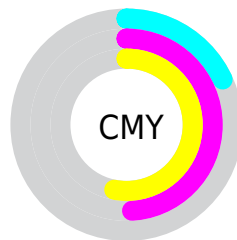
- Red (82%)
- Green (51%)
- Blue (47%)



- Red (82%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8525, 0.4184, 0.3432 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 30.8525, 0.4184, 0.3432 by changing the saturation by 10% instead.


 30.8525, 0.4184,
0.3432


 30.8525, 0.4184,
0.3432


305.8582, 0.3614,
0.3378

 20.4866, 0.4339,
0.3438


 61.0078, 0.3967,
0.3417

 12.7492, 0.4546,
0.3440


 81.5659, 0.3889,
0.3410

 7.2561, 0.4833,
0.3431


 106.2902, 0.3823,
0.3404

 3.6228, 0.5253,
0.3392

135.5651, 0.3768,
0.3397

 1.4649, 0.6171,
0.3414

169.7749, 0.3721,
0.3392

 0.2638, 0.7862,
0.2138

209.3041, 0.3681,

 0.0000, 0.0000,


0.3387

0.0000

254.5371, 0.3645,
0.3382


 30.8525, 0.4184,
0.3432

 30.8525, 0.4184,
0.3432


 25.9512, 0.4568,
0.3460


 36.7382, 0.3856,
0.3399


 21.9760, 0.4998,
0.3477


 43.6533, 0.3582,
0.3364


 18.8697, 0.5442,
0.3477


 51.6454, 0.3359,
0.3331

 16.5668, 0.5849,
0.3454

 60.7579, 0.3176,
0.3299

 14.9921, 0.6159,
0.3409

 71.0317, 0.3027,
0.3270

 14.2747, 0.6305,
0.3376

 82.5058, 0.2905,
0.3244

 92.2987, 0.2855,
0.3289

Harmonies

Analogous

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



30.8525, 0.3835, 0.3009



30.8525, 0.4184, 0.3432



30.8525, 0.4212, 0.3860

Triad

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



30.8525, 0.4184, 0.3432



30.8525, 0.2897, 0.4064



30.8525, 0.2338, 0.2423

Complementary

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



30.8525, 0.4184, 0.3432



48.9397, 0.2521, 0.3138

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.



30.8525, 0.2141, 0.2603



30.8525, 0.4184, 0.3432



30.8525, 0.2438, 0.3551

Square

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



30.8525, 0.4184, 0.3432



30.8525, 0.3443, 0.4302



30.8525, 0.2173, 0.2999



30.8525, 0.2742, 0.2453

Rectangle

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



30.8525, 0.4184, 0.3432



30.8525, 0.4052, 0.4102



30.8525, 0.2173, 0.2999



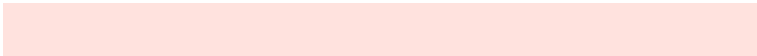
30.8525, 0.2247, 0.2459

Sweetspot

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



30.8540, 0.4184, 0.3432



80.8594, 0.3360, 0.3331



30.8584, 0.3283, 0.2348



16.6771, 0.3407, 0.3338



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.



30.8540, 0.4184, 0.3432



41.0144, 0.4550, 0.3459



45.3652, 0.3933, 0.3976



12.0371, 0.3288, 0.3319



8.8765, 0.6289, 0.3389



0.5753, 0.6017, 0.3604

Inverse Universe

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



48.9397, 0.2521, 0.3138



73.0237, 0.2417, 0.3098



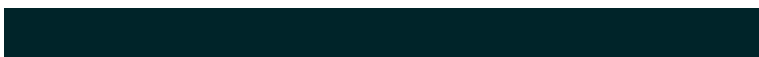
31.4813, 0.2412, 0.2481



13.1508, 0.2983, 0.3261



23.9504, 0.2140, 0.2904



1.4100, 0.2161, 0.2981

Previews

White Background



This preview shows how the Yxy color 30.8525, 0.4184, 0.3432 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 30.8525, 0.4184, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

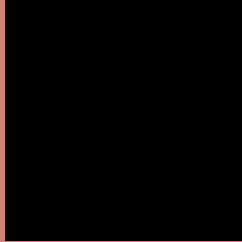
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8525, 0.4184, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 30.8525, 0.4184, 0.3432.



This preview shows how white text looks on a background with the Yxy color 30.8525, 0.4184, 0.3432.

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

30.8525, 0.4184, 0.3432

Protanopia

31.0891, 0.3424, 0.3630

Deuteranopia

30.9767, 0.3791, 0.3712



Tritanopia

30.8338, 0.4002, 0.3167

Trichromacy



Original Color

30.8525, 0.4184, 0.3432

Protanomaly

30.4727, 0.3692, 0.3554

Deuteranomaly

30.8593, 0.3929, 0.3611

Tritanomaly

30.7517, 0.4072, 0.3268

Monochromacy



Original Color

30.8525, 0.4184, 0.3432

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7242, 0.3482, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8525, 0.4184, 0.3432 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, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 119)  
}
```

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, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 119) }
```

Border

The CSS property to change the border of an element to Yxy 30.8525, 0.4184, 0.3432 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, 130, 119) }
```

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

```
.border{ border-color:rgb(209, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8525, 0.4184, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 119) }
```

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

```
.background{ background-color: rgb(209,  
130, 119) }
```

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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