

Converting Colors

$Y_{xy}(28.7774, 0.4198, 0.3490)$

Have a look what the booklet for
Yxy(28.7774, 0.4198, 0.3490)
contains.

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Color

Yxy(28.7661, 0.4198, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	C97F70
RGB	201, 127, 112
RGB Percent	79%, 50%, 44%
CMY	0.2118, 0.5019, 0.5608
CMYK	0.00, 0.37, 0.44, 0.21
HSL	10°, 45%, 61%
HSV	10°, 44%, 79%
XYZ	34.6017, 28.7661, 19.0565
YIQ	147.4160, 48.9190, 11.0230

Conversions

Conversions Part 2

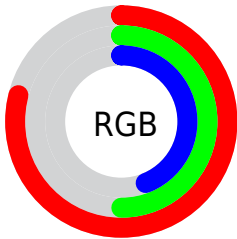
Format	Color
R_{YB}	201, 130, 112
Decimal	13205360
CIE _{Lab}	60.57, 26.95, 20.15
CIE _{LCh}	61, 33.655, 36.783
Yxy	28.7661, 0.4198, 0.3490
Android (android.graphics.Color)	4291395440 (0xFFC97F70)
YUV	147.4160, -17.4601, 46.9932
Hunter-Lab	53.6340, 21.2989, 16.4777

Details

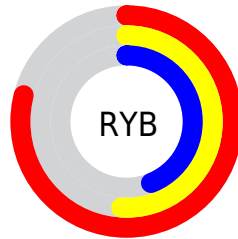
The Yxy color **28.7661, 0.4198, 0.3490** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.7772, 0.2498, 0.3072**, and the grayscale version is **29.4181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5829, 0.3930, 0.3461**, and **11.6072, 0.4572, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **24.4041, 0.4572, 0.3528**, and if you desaturate by 10%, it is **33.9469, 0.3876, 0.3445**.

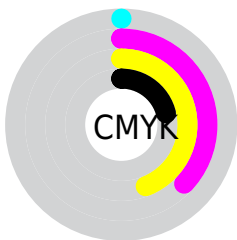
Distribution



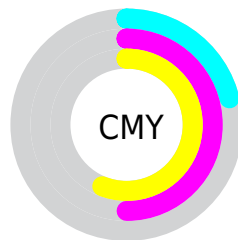
- Red (79%)
- Green (50%)
- Blue (44%)



- Red (79%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (21%)





- Cyan (21%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7661, 0.4198, 0.3490 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 28.7661, 0.4198, 0.3490 by changing the saturation by 10% instead.

 28.7661, 0.4198,
0.3490


 28.7661, 0.4198,
0.3490


296.1098, 0.3615,
0.3405

 18.9040, 0.4359,
0.3503


 57.7053, 0.3974,
0.3464

 11.6009, 0.4575,
0.3514


 77.5511, 0.3894,
0.3453

 6.4725, 0.4876,
0.3515


 101.4935, 0.3827,
0.3443

 3.1345, 0.5319,
0.3485

 129.9171, 0.3771,
0.3433

 1.2023, 0.6418,
0.3582

163.2061, 0.3723,
0.3425

 0.0636, 0.9187,
0.0813

201.7449, 0.3682,

 0.0000, 0.0000,

0.3418

0.0000

245.9180, 0.3646,
0.3411

■ 28.7661, 0.4198,
0.3490

■ 28.7661, 0.4198,
0.3490

■ 24.4041, 0.4572,
0.3528

■ 33.9469, 0.3876,
0.3445

■ 20.8144, 0.4985,
0.3552

■ 39.9810, 0.3605,
0.3398

■ 17.9529, 0.5411,
0.3553


■ 46.9064, 0.3380,
0.3351

■ 15.7685, 0.5803,
0.3524


■ 54.7574, 0.3196,
0.3308


■ 14.2038, 0.6107,
0.3465

■ 63.5663, 0.3044,
0.3267

 13.5558, 0.6238,
0.3429

 73.3642, 0.2919,
0.3230

 84.1806, 0.2815,
0.3197

 91.1579, 0.2811,
0.3289

Harmonies

Analogous

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



28.7661, 0.3891, 0.3065



28.7661, 0.4198, 0.3490



28.7661, 0.4181, 0.3908

Triad

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



28.7661, 0.4198, 0.3490



28.7661, 0.2830, 0.4000



28.7661, 0.2387, 0.2423

Complementary

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



28.7661, 0.4198, 0.3490



42.7772, 0.2498, 0.3072

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.



28.7661, 0.2162, 0.2572



28.7661, 0.4198, 0.3490



28.7661, 0.2396, 0.3472

Square

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



28.7661, 0.4198, 0.3490



28.7661, 0.3369, 0.4282



28.7661, 0.2163, 0.2938



28.7661, 0.2813, 0.2477

Rectangle

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



28.7661, 0.4198, 0.3490



28.7661, 0.3999, 0.4136



28.7661, 0.2163, 0.2938



28.7661, 0.2288, 0.2449

Sweetspot

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



28.7675, 0.4198, 0.3490



81.7049, 0.3358, 0.3347



27.5577, 0.3337, 0.2373



16.8829, 0.3404, 0.3357



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.



28.7675, 0.4198, 0.3490



42.1491, 0.4550, 0.3526



42.8398, 0.3933, 0.4046



10.9212, 0.3285, 0.3330



8.6155, 0.6218, 0.3445



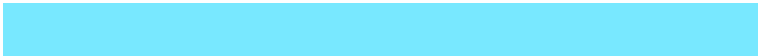
0.5004, 0.5847, 0.3739

Inverse Universe

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



42.7772, 0.2498, 0.3072



69.0345, 0.2391, 0.3018



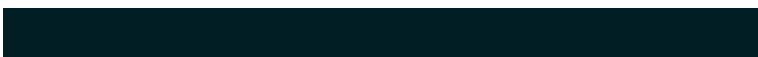
26.9081, 0.2380, 0.2386



11.7514, 0.2984, 0.3250



20.1702, 0.2097, 0.2749



1.0380, 0.2131, 0.2873

Previews

White Background



This preview shows how the Yxy color 28.7661, 0.4198, 0.3490 looks on a white background.

Color Contrast Check

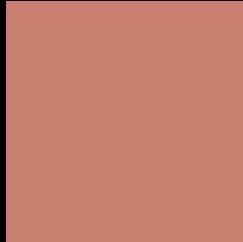
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7661, 0.4198, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

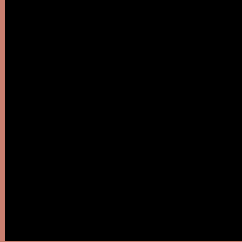
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7661, 0.4198, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 28.7661, 0.4198, 0.3490.



This preview shows how white text looks on a background with the Yxy color 28.7661, 0.4198, 0.3490.

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

28.7661, 0.4198, 0.3490

Protanopia

28.9068, 0.3476, 0.3688

Deuteranopia

28.7662, 0.3824, 0.3739



Tritanopia

28.8053, 0.3976, 0.3175

Trichromacy



Original Color

28.7661, 0.4198, 0.3490

Protanomaly

28.5439, 0.3729, 0.3606

Deuteranomaly

28.5429, 0.3956, 0.3635

Tritanomaly

28.7045, 0.4060, 0.3293

Monochromacy



Original Color

28.7661, 0.4198, 0.3490

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6929, 0.3491, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7661, 0.4198, 0.3490 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(201, 127, 112)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 112)  
}
```

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(201, 127, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 112) }
```

Border

The CSS property to change the border of an element to Yxy 28.7661, 0.4198, 0.3490 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(201, 127, 112) }
```

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

```
.border{ border-color:rgb(201, 127, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 112);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7661, 0.4198, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 112) }
```

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

```
.background{ background-color: rgb(201,  
127, 112) }
```

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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