

Converting Colors

$Y_{xy}(28.3626, 0.4062, 0.3500)$

Have a look what the booklet for
Yxy(28.3626, 0.4062, 0.3500)
contains.

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Color

Yxy(28.2529, 0.4071, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	C18172
RGB	193, 129, 114
RGB Percent	76%, 51%, 45%
CMY	0.2431, 0.4941, 0.5530
CMYK	0.00, 0.33, 0.41, 0.24
HSL	11°, 39%, 60%
HSV	11°, 41%, 76%
XYZ	32.8809, 28.2529, 19.6349
YIQ	146.4260, 42.9590, 8.9030

Conversions

Conversions Part 2

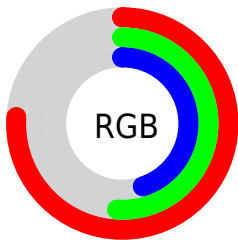
Format	Color
RYB	193, 133, 114
Decimal	12681586
CIELab	60.12, 22.91, 18.24
CIElCh	60, 29.286, 38.529
Yxy	28.2529, 0.4071, 0.3498
Android (android.graphics.Color)	4290871666 (0xFFC18172)
YUV	146.4260, -15.9860, 40.8454
Hunter-Lab	53.1535, 17.4023, 15.3057

Details

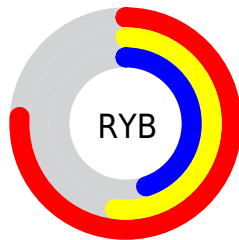
The Yxy color **28.2529, 0.4071, 0.3498** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2647, 0.2536, 0.3066**, and the grayscale version is **28.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7183, 0.3870, 0.3463**, and **11.3037, 0.4406, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **24.0519, 0.4420, 0.3544**, and if you desaturate by 10%, it is **33.1795, 0.3772, 0.3446**.

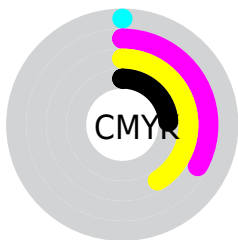
Distribution



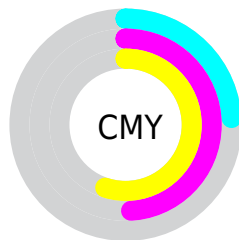
- Red (76%)
- Green (51%)
- Blue (45%)



- Red (76%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (24%)





- Cyan (24%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2529, 0.4071, 0.3498 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 28.2529, 0.4071, 0.3498 by changing the saturation by 10% instead.


 28.2529, 0.4071,
0.3498


 28.2529, 0.4071,
0.3498


293.6734, 0.3555,
0.3403

 18.5164, 0.4215,
0.3516


 56.8880, 0.3873,
0.3467


 11.3214, 0.4408,
0.3535


 76.5553, 0.3801,
0.3454

 6.2834, 0.4681,
0.3550


 100.3017, 0.3743,
0.3443

 3.0182, 0.5089,
0.3546

 128.5115, 0.3693,
0.3433

 1.1412, 0.6236,
0.3764

161.5692, 0.3651,
0.3424

 0.0129, 0.9779,
0.0221

199.8592, 0.3615,

 0.0000, 0.0000,

0.3416

0.0000

243.7658, 0.3583,
0.3409

■ 28.2529, 0.4071,
0.3498

■ 28.2529, 0.4071,
0.3498

■ 24.0519, 0.4420,
0.3544

■ 33.1795, 0.3772,
0.3446

■ 20.5380, 0.4813,
0.3578

■ 38.8596, 0.3521,
0.3393

■ 17.6751, 0.5229,
0.3591

■ 45.3249, 0.3314,
0.3342


■ 15.4224, 0.5632,
0.3574

■ 52.6037, 0.3142,
0.3294

■ 13.7341, 0.5971,
0.3523

■ 60.7231, 0.3000,
0.3250

 12.6420, 0.6199,
0.3460

 69.7089, 0.2882,
0.3210

 79.5858, 0.2784,
0.3174

 89.4847, 0.2767,
0.3279

 90.0787, 0.2768,
0.3289

Harmonies

Analogous

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



28.2529, 0.3817, 0.3116



28.2529, 0.4071, 0.3498



28.2529, 0.4044, 0.3864

Triad

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



28.2529, 0.4071, 0.3498



28.2529, 0.2845, 0.3882



28.2529, 0.2491, 0.2519

Complementary

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



28.2529, 0.4071, 0.3498



39.2647, 0.2536, 0.3066

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.



28.2529, 0.2277, 0.2647



28.2529, 0.4071, 0.3498



28.2529, 0.2466, 0.3424

Square

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



28.2529, 0.4071, 0.3498



28.2529, 0.3318, 0.4144



28.2529, 0.2267, 0.2964



28.2529, 0.2880, 0.2576

Rectangle

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



28.2529, 0.4071, 0.3498



28.2529, 0.3878, 0.4052



28.2529, 0.2267, 0.2964



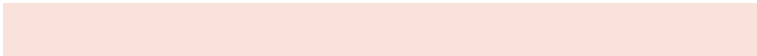
28.2529, 0.2398, 0.2541

Sweetspot

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



28.2543, 0.4071, 0.3498



79.6494, 0.3337, 0.3348



26.6051, 0.3332, 0.2456



16.7486, 0.3363, 0.3355



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.2543, 0.4071, 0.3498



43.8924, 0.4376, 0.3540



40.5530, 0.3854, 0.4004



10.3808, 0.3284, 0.3334



8.4963, 0.6179, 0.3476



0.4626, 0.5763, 0.3806

Inverse Universe

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



39.2647, 0.2536, 0.3066



66.1784, 0.2429, 0.3009



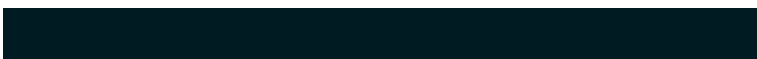
25.8949, 0.2439, 0.2448



11.0925, 0.2984, 0.3245



18.5583, 0.2077, 0.2676



0.8877, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 28.2529, 0.4071, 0.3498 looks on a white background.

Color Contrast Check

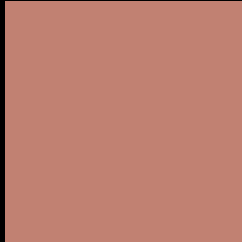
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2529, 0.4071, 0.3498 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 28.2529, 0.4071, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 28.2529, 0.4071, 0.3498.



This preview shows how white text looks on a background with the Yxy color 28.2529, 0.4071, 0.3498.

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

28.2529, 0.4071, 0.3498

Protanopia

28.4282, 0.3446, 0.3659

Deuteranopia

28.1811, 0.3772, 0.3700



Tritanopia

28.2731, 0.3851, 0.3170

Trichromacy



Original Color

28.2529, 0.4071, 0.3498

Protanomaly

28.1220, 0.3671, 0.3596

Deuteranomaly

27.9852, 0.3875, 0.3614

Tritanomaly

28.1804, 0.3934, 0.3292

Monochromacy



Original Color

28.2529, 0.4071, 0.3498

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2639, 0.3446, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2529, 0.4071, 0.3498 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(193, 129, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 114)  
}
```

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(193, 129, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.2529, 0.4071, 0.3498 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(193, 129, 114) }
```

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

```
.border{ border-color:rgb(193, 129, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 114);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2529, 0.4071, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 114) }
```

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

```
.background{ background-color: rgb(193,  
129, 114) }
```

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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