

Converting Colors

$Y_{xy}(29.6321, 0.4195, 0.3478)$

Have a look what the booklet for
Yxy(29.6321, 0.4195, 0.3478)
contains.

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Color

Yxy(29.7528, 0.4195, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	CC8172
RGB	204, 129, 114
RGB Percent	80%, 51%, 45%
CMY	0.1999, 0.4941, 0.5529
CMYK	0.00, 0.37, 0.44, 0.20
HSL	10°, 47%, 62%
HSV	10°, 44%, 80%
XYZ	35.7938, 29.7528, 19.7783
YIQ	149.7150, 49.5150, 11.2350

Conversions

Conversions Part 2

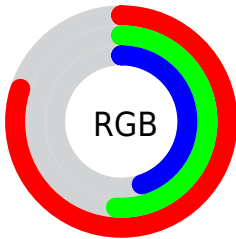
Format	Color
R_{YB}	204, 132, 114
Decimal	13402482
CIE Lab	61.44, 27.28, 20.25
CIE LCh	61, 33.972, 36.590
Yxy	29.7528, 0.4195, 0.3487
Android (android.graphics.Color)	4291592562 (0xFFCC8172)
YUV	149.7150, -17.6075, 47.6079
Hunter-Lab	54.5461, 21.6781, 16.6839

Details

The Yxy color **29.7528, 0.4195, 0.3487** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.3488, 0.2500, 0.3076**, and the grayscale version is **30.4334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8801, 0.3901, 0.3471**, and **12.1884, 0.4560, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **25.2272, 0.4569, 0.3525**, and if you desaturate by 10%, it is **35.1306, 0.3872, 0.3442**.

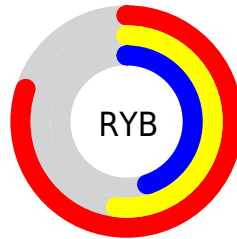
Distribution



Red (80%)

Green (51%)

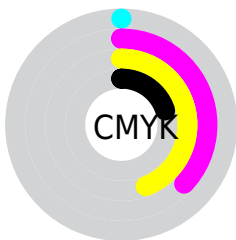
Blue (45%)



Red (80%)

Yellow (52%)

Blue (45%)

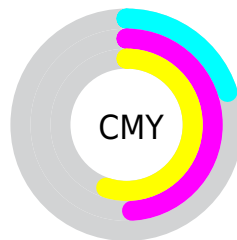


Cyan (0%)

Magenta (37%)

Yellow (44%)

Black (20%)



Cyan (20%)


Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7528, 0.4195, 0.3487 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 29.7528, 0.4195, 0.3487 by changing the saturation by 10% instead.


 29.7528, 0.4195,
0.3487


 29.7528, 0.4195,
0.3487


300.7505, 0.3616,
0.3404


 19.6510, 0.4354,
0.3500


 59.2710, 0.3974,
0.3462


 12.1416, 0.4565,
0.3510


 79.4563, 0.3894,
0.3451

 6.8402, 0.4860,
0.3512


 103.7715, 0.3828,
0.3441

 3.3624, 0.5290,
0.3484

 132.6010, 0.3772,
0.3432

 1.3237, 0.6392,
0.3608

166.3293, 0.3725,
0.3424

 0.1595, 0.8368,
0.1632

205.3407, 0.3684,

 0.0000, 0.0000,

0.3416

0.0000

250.0196, 0.3648,
0.3410

■ 29.7528, 0.4195,
0.3487

■ 29.7528, 0.4195,
0.3487

■ 25.2272, 0.4569,
0.3525

■ 35.1306, 0.3872,
0.3442

■ 21.5054, 0.4984,
0.3548

■ 41.3967, 0.3602,
0.3396

■ 18.5410, 0.5411,
0.3549


■ 48.5906, 0.3378,
0.3350

■ 16.2812, 0.5804,
0.3521


■ 56.7480, 0.3193,
0.3307

■ 14.6656, 0.6109,
0.3463

■ 65.9030, 0.3042,
0.3267

 13.9823, 0.6242,
0.3426

 76.0877, 0.2917,
0.3231

 87.2149, 0.2823,
0.3216

 91.5802, 0.2827,
0.3289

Harmonies

Analogous

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



29.7528, 0.3886, 0.3063



29.7528, 0.4195, 0.3487



29.7528, 0.4180, 0.3905

Triad

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



29.7528, 0.4195, 0.3487



29.7528, 0.2834, 0.4001



29.7528, 0.2386, 0.2424

Complementary

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



29.7528, 0.4195, 0.3487



44.3488, 0.2500, 0.3076

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.



29.7528, 0.2163, 0.2575



29.7528, 0.4195, 0.3487



29.7528, 0.2399, 0.3475

Square

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



29.7528, 0.4195, 0.3487



29.7528, 0.3372, 0.4280



29.7528, 0.2165, 0.2942



29.7528, 0.2810, 0.2478

Rectangle

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



29.7528, 0.4195, 0.3487



29.7528, 0.3999, 0.4132



29.7528, 0.2165, 0.2942



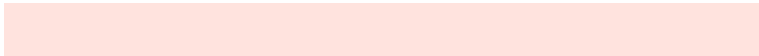
29.7528, 0.2287, 0.2451

Sweetspot

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



29.7543, 0.4195, 0.3487



81.6660, 0.3358, 0.3346



28.6173, 0.3320, 0.2359



16.8734, 0.3404, 0.3356



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.



29.7543, 0.4195, 0.3487



42.0627, 0.4552, 0.3523



43.7572, 0.3938, 0.4027



11.5104, 0.3286, 0.3329



8.8914, 0.6223, 0.3441



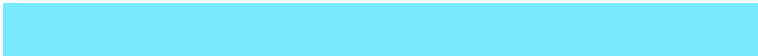
0.5551, 0.5876, 0.3716

Inverse Universe

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



44.3488, 0.2500, 0.3076



69.1975, 0.2391, 0.3021



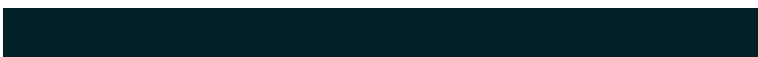
28.3465, 0.2386, 0.2412



12.3967, 0.2983, 0.3250



20.9657, 0.2099, 0.2755



1.1682, 0.2131, 0.2870

Previews

White Background



This preview shows how the Yxy color 29.7528, 0.4195, 0.3487 looks on a white background.

Color Contrast Check

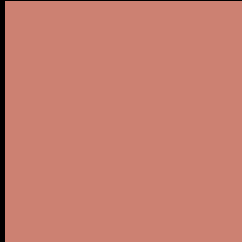
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7528, 0.4195, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

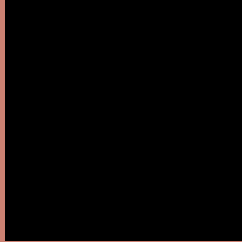
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7528, 0.4195, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 29.7528, 0.4195, 0.3487.



This preview shows how white text looks on a background with the Yxy color 29.7528, 0.4195, 0.3487.

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

29.7528, 0.4195, 0.3487

Protanopia

29.7780, 0.3472, 0.3683

Deuteranopia

29.9066, 0.3821, 0.3762



Tritanopia

29.7928, 0.3976, 0.3177

Trichromacy



Original Color

29.7528, 0.4195, 0.3487

Protanomaly

29.4045, 0.3721, 0.3603

Deuteranomaly

29.7859, 0.3962, 0.3658

Tritanomaly

29.6902, 0.4059, 0.3293

Monochromacy



Original Color

29.7528, 0.4195, 0.3487

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6982, 0.3487, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7528, 0.4195, 0.3487 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(204, 129, 114)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 129, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 129, 114) }
```

Border

The CSS property to change the border of an element to Yxy 29.7528, 0.4195, 0.3487 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(204, 129, 114) }
```

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

```
.border{ border-color:rgb(204, 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(204, 129, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 129, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 129, 114);  
box-shadow:4px 4px 4px 4px rgb(204, 129,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7528, 0.4195, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 129, 114) }
```

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

```
.background{ background-color: rgb(204,  
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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