

Converting Colors

$Y_{xy}(29.3060, 0.4126, 0.3345)$

Have a look what the booklet for
Yxy(29.3060, 0.4126, 0.3345)
contains.

Yxy(29.3060, 0.4126, 0.3345)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.3060, 0.4126, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	CD7E7A
RGB	205, 126, 122
RGB Percent	80%, 49%, 48%
CMY	0.1961, 0.5058, 0.5216
CMYK	0.00, 0.39, 0.40, 0.20
HSL	3°, 45%, 64%
HSV	3°, 40%, 80%
XYZ	36.1484, 29.3060, 22.1569
YIQ	149.1650, 48.3680, 15.5040

Conversions

Conversions Part 2

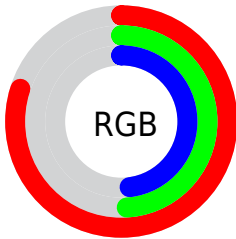
Format	Color
R_{YB}	205, 126, 122
Decimal	13467258
CIE _{Lab}	61.05, 30.14, 15.21
CIE _{LCh}	61, 33.764, 26.772
Yxy	29.3060, 0.4126, 0.3345
Android (android.graphics.Color)	4291657338 (0xFFCD7E7A)
YUV	149.1650, -13.3923, 48.9673
Hunter-Lab	54.1350, 24.4564, 13.6277

Details

The Yxy color **29.3060, 0.4126, 0.3345** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.3002, 0.2566, 0.3233**, and the grayscale version is **30.1706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9585, 0.3841, 0.3355**, and **11.9458, 0.4480, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **24.3402, 0.4518, 0.3357**, and if you desaturate by 10%, it is **35.3543, 0.3797, 0.3331**.

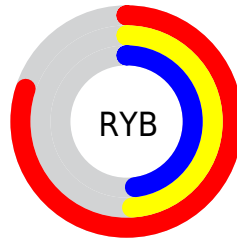
Distribution



Red (80%)

Green (49%)

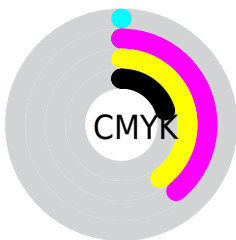
Blue (48%)



Red (80%)

Yellow (49%)

Blue (48%)

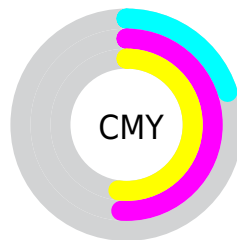


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3060, 0.4126, 0.3345 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 29.3060, 0.4126, 0.3345 by changing the saturation by 10% instead.


 29.3060, 0.4126,
0.3345


 29.3060, 0.4126,
0.3345


298.6560, 0.3583,
0.3333

 19.3124, 0.4276,
0.3341


 58.5629, 0.3918,
0.3345

 11.8962, 0.4478,
0.3331


 78.5950, 0.3843,
0.3344

 6.6731, 0.4763,
0.3306


 102.7421, 0.3781,
0.3342

 3.2585, 0.5187,
0.3249

131.3886, 0.3729,
0.3340

 1.2681, 0.6099,
0.3219

164.9188, 0.3684,
0.3338

 0.1163, 0.8792,
0.1208

203.7172, 0.3646,

 0.0000, 0.0000,

0.3337

0.0000

248.1681, 0.3612,
0.3335

■ 29.3060, 0.4126,
0.3345

■ 29.3060, 0.4126,
0.3345

■ 24.3402, 0.4518,
0.3357

■ 35.3543, 0.3797,
0.3331

■ 20.3889, 0.4963,
0.3365

■ 42.5391, 0.3528,
0.3317

■ 17.3835, 0.5430,
0.3366


■ 50.9159, 0.3310,
0.3303


■ 15.2449, 0.5862,
0.3358

■ 60.5356, 0.3135,
0.3291

■ 13.8810, 0.6189,
0.3339

■ 71.4459, 0.2994,
0.3279

 13.1945, 0.6370,
0.3324

 83.6920, 0.2879,
0.3269

 91.7184, 0.2833,
0.3289

Harmonies

Analogous

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



29.3060, 0.3729, 0.2936



29.3060, 0.4126, 0.3345



29.3060, 0.4220, 0.3774

Triad

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



29.3060, 0.4126, 0.3345



29.3060, 0.3005, 0.4128



29.3060, 0.2290, 0.2451

Complementary

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



29.3060, 0.4126, 0.3345



50.3002, 0.2566, 0.3233

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.



29.3060, 0.2139, 0.2673



29.3060, 0.4126, 0.3345



29.3060, 0.2523, 0.3660

Square

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



29.3060, 0.4126, 0.3345



29.3060, 0.3546, 0.4294



29.3060, 0.2218, 0.3104



29.3060, 0.2653, 0.2440

Rectangle

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



29.3060, 0.4126, 0.3345



29.3060, 0.4102, 0.4028



29.3060, 0.2218, 0.3104



29.3060, 0.2215, 0.2501

Sweetspot

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



29.3075, 0.4126, 0.3345



80.9941, 0.3343, 0.3305



31.1676, 0.3201, 0.2330



16.9324, 0.3370, 0.3307



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.



29.3075, 0.4126, 0.3345



40.5143, 0.4481, 0.3356



41.7481, 0.3910, 0.3853



11.2995, 0.3289, 0.3302



8.2547, 0.6361, 0.3331



0.4572, 0.6229, 0.3436

Inverse Universe

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



50.3002, 0.2566, 0.3233



79.6799, 0.2469, 0.3219



33.9357, 0.2474, 0.2645



12.6300, 0.2984, 0.3278



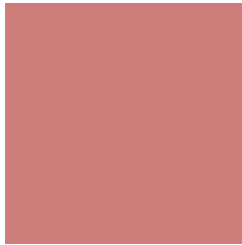
27.0963, 0.2205, 0.3139



1.4272, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 29.3060, 0.4126, 0.3345 looks on a white background.

Color Contrast Check

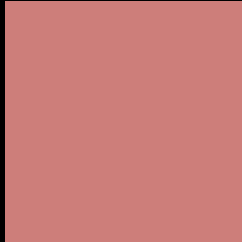
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3060, 0.4126, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

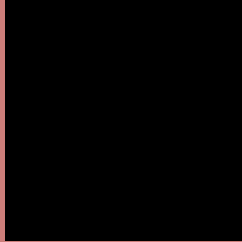
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3060, 0.4126, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 29.3060, 0.4126, 0.3345.



This preview shows how white text looks on a background with the Yxy color 29.3060, 0.4126, 0.3345.

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

29.3060, 0.4126, 0.3345

Protanopia

29.4309, 0.3340, 0.3511

Deuteranopia

29.4486, 0.3705, 0.3635



Tritanopia

29.2306, 0.4010, 0.3177

Trichromacy



Original Color

29.3060, 0.4126, 0.3345

Protanomaly

28.9345, 0.3618, 0.3440

Deuteranomaly

29.1547, 0.3859, 0.3520

Tritanomaly

29.3740, 0.4055, 0.3241

Monochromacy



Original Color

29.3060, 0.4126, 0.3345

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3488, 0.3456, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3060, 0.4126, 0.3345 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(205, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(205, 126, 122)  
}
```

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(205, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 126, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.3060, 0.4126, 0.3345 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(205, 126, 122) }
```

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

```
.border{ border-color:rgb(205, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 126, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 126, 122); box-shadow:4px 4px 4px 4px rgb(205, 126, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3060, 0.4126, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 126, 122) }
```

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

```
.background{ background-color: rgb(205,  
126, 122) }
```

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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