

Converting Colors

$Yxy(29.5359, 0.4095, 0.3355)$

Have a look what the booklet for
Yxy(29.5359, 0.4095, 0.3355)
contains.

Yxy(29.7058, 0.4091, 0.3358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.7058, 0.4091, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	CC807B
RGB	204, 128, 123
RGB Percent	80%, 50%, 48%
CMY	0.2001, 0.4980, 0.5176
CMYK	0.00, 0.37, 0.40, 0.20
HSL	4°, 44%, 64%
HSV	4°, 40%, 80%
XYZ	36.1901, 29.7058, 22.5669
YIQ	150.1540, 46.9010, 14.5570

Conversions

Conversions Part 2

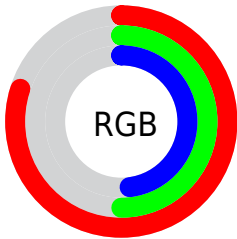
Format	Color
R _Y B	204, 128, 123
Decimal	13402235
CIE Lab	61.40, 28.78, 15.09
CIE LCh	61, 32.496, 27.667
Yxy	29.7058, 0.4091, 0.3358
Android (android.graphics.Color)	4291592315 (0xFFCC807B)
YUV	150.1540, -13.3869, 47.2229
Hunter-Lab	54.5030, 23.1441, 13.6032

Details

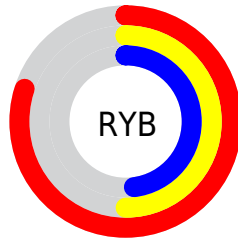
The Yxy color **29.7058, 0.4091, 0.3358** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.3947, 0.2573, 0.3219**, and the grayscale version is **30.6123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8110, 0.3825, 0.3366**, and **12.1462, 0.4428, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **24.7180, 0.4474, 0.3374**, and if you desaturate by 10%, it is **35.7441, 0.3770, 0.3340**.

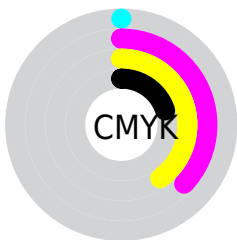
Distribution



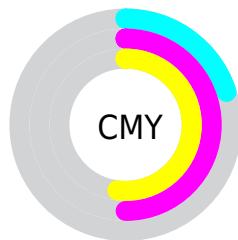
- Red (80%)
- Green (50%)
- Blue (48%)



- Red (80%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7058, 0.4091, 0.3358 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 29.7058, 0.4091, 0.3358 by changing the saturation by 10% instead.


 29.7058, 0.4091,
0.3358

 29.7058, 0.4091,
0.3358


300.5307, 0.3568,
0.3338

 19.6154, 0.4236,
0.3357


 59.1966, 0.3891,
0.3355

 12.1158, 0.4429,
0.3350


 79.3658, 0.3819,
0.3353

 6.8226, 0.4702,
0.3332


 103.6634, 0.3759,
0.3350

 3.3514, 0.5109,
0.3284

132.4737, 0.3709,
0.3347

 1.3178, 0.5955,
0.3257

166.1812, 0.3666,
0.3345

 0.1549, 0.8458,
0.1542

205.1703, 0.3629,

 0.0000, 0.0000,

0.3343

0.0000

249.8253, 0.3596,
0.3340

■ 29.7058, 0.4091,
0.3358

■ 29.7058, 0.4091,
0.3358

■ 24.7180, 0.4474,
0.3374

■ 35.7441, 0.3770,
0.3340

■ 20.7166, 0.4910,
0.3384

■ 42.8835, 0.3507,
0.3323

■ 17.6373, 0.5373,
0.3386


■ 51.1765, 0.3294,
0.3305

■ 15.4066, 0.5809,
0.3377


■ 60.6711, 0.3122,
0.3290


■ 13.9395, 0.6151,
0.3355

■ 71.4124, 0.2983,
0.3275

 13.1279, 0.6356,
0.3332

 83.4435, 0.2871,
0.3262

 13.1116, 0.6361,
0.3332

 91.5730, 0.2827,
0.3289

Harmonies

Analogous

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



29.7058, 0.3718, 0.2961



29.7058, 0.4091, 0.3358



29.7058, 0.4173, 0.3770

Triad

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



29.7058, 0.4091, 0.3358



29.7058, 0.2997, 0.4080



29.7058, 0.2329, 0.2480

Complementary

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



29.7058, 0.4091, 0.3358



49.3947, 0.2573, 0.3219

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.



29.7058, 0.2177, 0.2689



29.7058, 0.4091, 0.3358



29.7058, 0.2537, 0.3629

Square

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



29.7058, 0.4091, 0.3358



29.7058, 0.3516, 0.4251



29.7058, 0.2247, 0.3099



29.7058, 0.2686, 0.2474

Rectangle

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



29.7058, 0.4091, 0.3358



29.7058, 0.4056, 0.4011



29.7058, 0.2247, 0.3099



29.7058, 0.2255, 0.2527

Sweetspot

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



29.7073, 0.4091, 0.3358



81.2173, 0.3343, 0.3310



31.1668, 0.3213, 0.2362



16.9844, 0.3370, 0.3312



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.



29.7073, 0.4091, 0.3358



41.7522, 0.4430, 0.3372



42.0973, 0.3884, 0.3858



11.3233, 0.3289, 0.3305



8.3029, 0.6350, 0.3340



0.4683, 0.6185, 0.3471

Inverse Universe

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



49.3947, 0.2573, 0.3219



78.9507, 0.2475, 0.3201



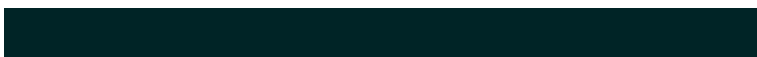
33.5172, 0.2484, 0.2640



12.6033, 0.2984, 0.3275



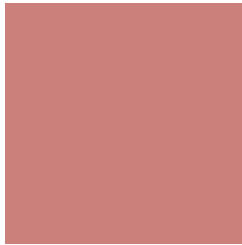
26.3471, 0.2194, 0.3097



1.3961, 0.2205, 0.3137

Previews

White Background



This preview shows how the Yxy color 29.7058, 0.4091, 0.3358 looks on a white background.

Color Contrast Check

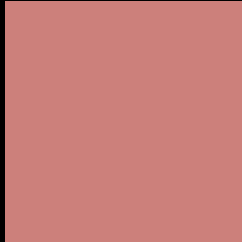
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7058, 0.4091, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

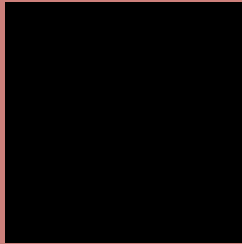
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7058, 0.4091, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 29.7058, 0.4091, 0.3358.



This preview shows how white text looks on a background with the Yxy color 29.7058, 0.4091, 0.3358.

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

29.7058, 0.4091, 0.3358

Protanopia

29.8418, 0.3348, 0.3526

Deuteranopia

29.8852, 0.3701, 0.3633



Tritanopia

29.6784, 0.3952, 0.3163

Trichromacy



Original Color

29.7058, 0.4091, 0.3358

Protanomaly

29.5190, 0.3611, 0.3469

Deuteranomaly

29.7478, 0.3838, 0.3534

Tritanomaly

29.7966, 0.4009, 0.3241

Monochromacy



Original Color

29.7058, 0.4091, 0.3358

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7855, 0.3454, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7058, 0.4091, 0.3358 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, 128, 123)` looks like.

```
.text, #text, p{  
    color:rgb(204, 128, 123)  
}
```

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, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 128, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.7058, 0.4091, 0.3358 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, 128, 123) }
```

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

```
.border{ border-color:rgb(204, 128, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 128, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 128, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 128, 123);  
box-shadow:4px 4px 4px 4px rgb(204, 128,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7058, 0.4091, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 128, 123) }
```

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

```
.background{ background-color: rgb(204,  
128, 123) }
```

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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