

Converting Colors

$Y_{xy}(27.3261, 0.4140, 0.3230)$

Have a look what the booklet for
Yxy(27.3261, 0.4140, 0.3230)
contains.

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Color

Yxy(27.2243, 0.4145, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CC767B
RGB	204, 118, 123
RGB Percent	80%, 46%, 48%
CMY	0.2000, 0.5373, 0.5176
CMYK	0.00, 0.42, 0.40, 0.20
HSL	357°, 46%, 63%
HSV	357°, 42%, 80%
XYZ	34.9581, 27.2243, 22.1556
YIQ	144.2840, 49.6510, 19.7870

Conversions

Conversions Part 2

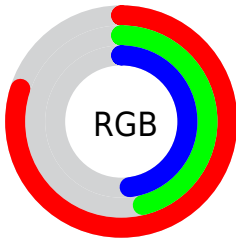
Format	Color
RYB	204, 118, 123
Decimal	13399675
CIELab	59.18, 34.18, 11.99
CIELCh	59, 36.223, 19.326
Yxy	27.2243, 0.4145, 0.3228
Android (android.graphics.Color)	4291589755 (0xFFCC767B)
YUV	144.2840, -10.4930, 52.3709
Hunter-Lab	52.1769, 28.2839, 11.3479

Details

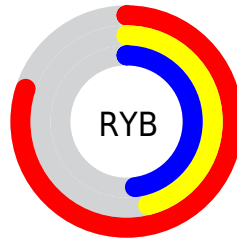
The Yxy color **27.2243, 0.4145, 0.3228** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.1651, 0.2584, 0.3358**, and the grayscale version is **28.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4810, 0.3861, 0.3250**, and **10.7118, 0.4529, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **22.4944, 0.4536, 0.3217**, and if you desaturate by 10%, it is **33.0903, 0.3817, 0.3242**.

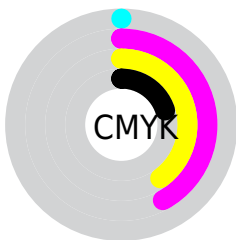
Distribution



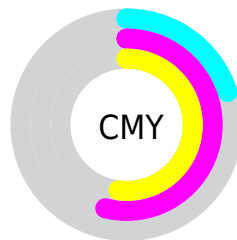
- Red (80%)
- Green (46%)
- Blue (48%)



- Red (80%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (42%)
- Yellow (40%)
- Black (20%)





- Cyan (20%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2243, 0.4145, 0.3228 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 27.2243, 0.4145, 0.3228 by changing the saturation by 10% instead.

 27.2243, 0.4145,
0.3228


 27.2243, 0.4145,
0.3228


288.7415, 0.3586,
0.3278


 17.7418, 0.4302,
0.3208


 55.2436, 0.3929,
0.3251

 10.7647, 0.4516,
0.3176


 74.5491, 0.3852,
0.3258

 5.9089, 0.4820,
0.3122

 97.8978, 0.3788,
0.3264

 2.7897, 0.5282,
0.3020

125.6739, 0.3735,
0.3268

 1.0230, 0.6312,
0.2921

158.2620, 0.3689,
0.3271

 0.0000, 1.0000,
0.0000

196.0463, 0.3650,


 0.0000, 0.0000,


0.3274

0.0000


239.4114, 0.3616,
0.3276


 27.2243, 0.4145,
0.3228


 27.2243, 0.4145,
0.3228


 22.4944, 0.4536,
0.3217


 33.0903, 0.3817,
0.3242


 18.8234, 0.4980,
0.3211


 40.1551, 0.3549,
0.3258


 16.1309, 0.5444,
0.3214


 48.4815, 0.3333,
0.3273


 14.3231, 0.5871,
0.3229

 58.1269, 0.3160,
0.3287

 13.2881, 0.6192,
0.3254

 69.1451, 0.3021,
0.3300

 12.8650, 0.6346,
0.3270

 81.5869, 0.2909,
0.3312

 91.5787, 0.2827,
0.3289

Harmonies

Analogous

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



27.2243, 0.3644, 0.2804



27.2243, 0.4145, 0.3228



27.2243, 0.4336, 0.3695

Triad

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



27.2243, 0.4145, 0.3228



27.2243, 0.3135, 0.4302



27.2243, 0.2152, 0.2411

Complementary

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



27.2243, 0.4145, 0.3228



51.1651, 0.2584, 0.3358

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.



27.2243, 0.2050, 0.2706



27.2243, 0.4145, 0.3228



27.2243, 0.2580, 0.3848

Square

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



27.2243, 0.4145, 0.3228



27.2243, 0.3717, 0.4379



27.2243, 0.2195, 0.3226



27.2243, 0.2490, 0.2349

Rectangle

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



27.2243, 0.4145, 0.3228



27.2243, 0.4260, 0.3990



27.2243, 0.2195, 0.3226



27.2243, 0.2091, 0.2483

Sweetspot

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



27.2257, 0.4145, 0.3228



78.7930, 0.3352, 0.3271



29.3599, 0.3116, 0.2245



16.1757, 0.3398, 0.3268



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.



27.2257, 0.4145, 0.3228



37.5952, 0.4516, 0.3217



37.6794, 0.3997, 0.3771



11.2241, 0.3281, 0.3277



8.1012, 0.6331, 0.3261



0.4217, 0.6104, 0.3136

Inverse Universe

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



27.2257, 0.4145, 0.3228



37.5952, 0.4516, 0.3217



35.7531, 0.2468, 0.2745



11.2241, 0.3281, 0.3277



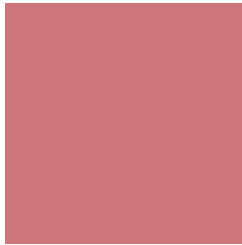
8.1012, 0.6331, 0.3261



0.4217, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 27.2243, 0.4145, 0.3228 looks on a white background.

Color Contrast Check

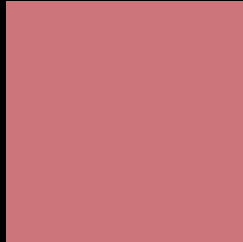
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2243, 0.4145, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

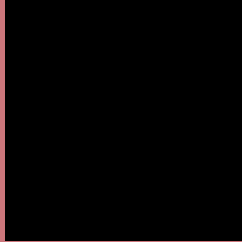
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2243, 0.4145, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 27.2243, 0.4145, 0.3228.



This preview shows how white text looks on a background with the Yxy color 27.2243, 0.4145, 0.3228.

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

27.2243, 0.4145, 0.3228

Protanopia

27.3266, 0.3242, 0.3388

Deuteranopia

27.2467, 0.3633, 0.3554



Tritanopia

27.0663, 0.4111, 0.3176

Trichromacy



Original Color

27.2243, 0.4145, 0.3228

Protanomaly

26.7386, 0.3557, 0.3322

Deuteranomaly

26.9294, 0.3817, 0.3424

Tritanomaly

27.0406, 0.4124, 0.3189

Monochromacy



Original Color

27.2243, 0.4145, 0.3228

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2125, 0.3471, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2243, 0.4145, 0.3228 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, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 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, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.2243, 0.4145, 0.3228 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, 118, 123) }
```

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

```
.border{ border-color:rgb(204, 118, 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, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2243, 0.4145, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 118, 123) }
```

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

```
.background{ background-color: rgb(204,  
118, 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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