

Converting Colors

$Y_{xy}(26.7052, 0.4214, 0.3192)$

Have a look what the booklet for
Yxy(26.7052, 0.4214, 0.3192)
contains.

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Color

Yxy(26.7052, 0.4214, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	CF727A
RGB	207, 114, 122
RGB Percent	81%, 45%, 48%
CMY	0.1883, 0.5528, 0.5216
CMYK	0.00, 0.45, 0.41, 0.19
HSL	355°, 49%, 63%
HSV	355°, 45%, 81%
XYZ	35.2555, 26.7052, 21.7022
YIQ	142.7190, 52.8600, 22.2040

Conversions

Conversions Part 2

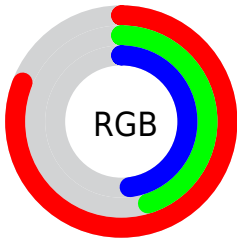
Format	Color
R _Y B	207, 114, 122
Decimal	13595258
CIE Lab	58.70, 37.27, 11.97
CIE LCh	59, 39.142, 17.802
Yxy	26.7052, 0.4214, 0.3192
Android (android.graphics.Color)	4291785338 (0xFFCF727A)
YUV	142.7190, -10.2145, 56.3744
Hunter-Lab	51.6771, 31.3428, 11.2747

Details

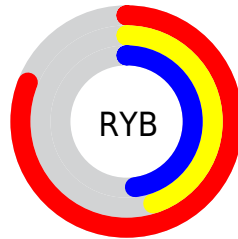
The Yxy color **26.7052, 0.4214, 0.3192** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.3157, 0.2570, 0.3399**, and the grayscale version is **27.3775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9534, 0.3884, 0.3219**, and **10.4390, 0.4596, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **22.1283, 0.4610, 0.3176**, and if you desaturate by 10%, it is **32.4325, 0.3878, 0.3213**.

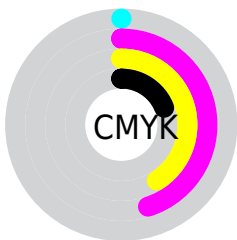
Distribution



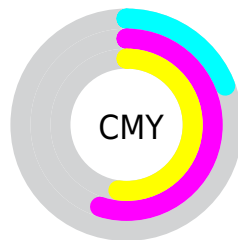
- Red (81%)
- Green (45%)
- Blue (48%)



- Red (81%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7052, 0.4214, 0.3192 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 26.7052, 0.4214, 0.3192 by changing the saturation by 10% instead.


 26.7052, 0.4214,
0.3192


 26.7052, 0.4214,
0.3192


286.2269, 0.3615,
0.3263


 17.3519, 0.4383,
0.3165


 54.4104, 0.3982,
0.3224

 10.4857, 0.4612,
0.3124


 73.5312, 0.3900,
0.3234

 5.7222, 0.4938,
0.3056

 96.6766, 0.3832,
0.3242

 2.6769, 0.5433,
0.2932

124.2311, 0.3774,
0.3248

 0.9655, 0.6572,
0.2810

156.5789, 0.3726,
0.3253

 0.0000, 1.0000,
0.0000


194.1046, 0.3684,


 0.0000, 0.0000,


0.3257


0.0000


237.1924, 0.3647,
0.3260


 26.7052, 0.4214,
0.3192


 26.7052, 0.4214,
0.3192


 22.1283, 0.4610,
0.3176


 32.4325, 0.3878,
0.3213


 18.6203, 0.5053,
0.3169


 39.3765, 0.3603,
0.3236


 16.0955, 0.5508,
0.3176


 47.6031, 0.3380,
0.3258


 14.4532, 0.5916,
0.3200

 57.1725, 0.3202,
0.3280

 13.5711, 0.6212,
0.3238

 68.1410, 0.3058,
0.3300

 13.3041, 0.6315,
0.3253

 80.5616, 0.2942,
0.3318

 91.9668, 0.2846,
0.3295

 92.0014, 0.2843,
0.3289

Harmonies

Analogous

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



26.7052, 0.3653, 0.2745



26.7052, 0.4214, 0.3192



26.7052, 0.4440, 0.3691

Triad

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



26.7052, 0.4214, 0.3192



26.7052, 0.3162, 0.4415



26.7052, 0.2066, 0.2350

Complementary

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



26.7052, 0.4214, 0.3192



52.3157, 0.2570, 0.3399

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.



26.7052, 0.1969, 0.2675



26.7052, 0.4214, 0.3192



26.7052, 0.2558, 0.3933

Square

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



26.7052, 0.4214, 0.3192



26.7052, 0.3789, 0.4466



26.7052, 0.2135, 0.3248



26.7052, 0.2413, 0.2276

Rectangle

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



26.7052, 0.4214, 0.3192



26.7052, 0.4365, 0.4013



26.7052, 0.2135, 0.3248



26.7052, 0.2005, 0.2429

Sweetspot

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



26.7065, 0.4214, 0.3192



78.8421, 0.3346, 0.3262



28.5061, 0.3082, 0.2170



16.1876, 0.3390, 0.3257



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.



26.7065, 0.4214, 0.3192



35.6398, 0.4599, 0.3176



36.6760, 0.4091, 0.3764



11.8244, 0.3277, 0.3270



8.3906, 0.6297, 0.3243



0.4750, 0.5996, 0.3077

Inverse Universe

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



26.7065, 0.4214, 0.3192



35.6398, 0.4599, 0.3176



36.7550, 0.2434, 0.2749



11.8244, 0.3277, 0.3270



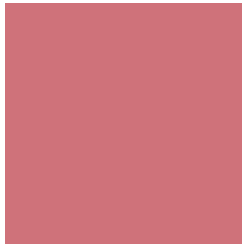
8.3906, 0.6297, 0.3243



0.4750, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 26.7052, 0.4214, 0.3192 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 26.7052, 0.4214, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

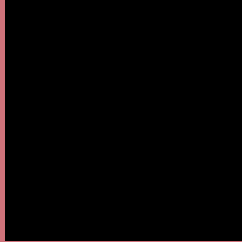
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7052, 0.4214, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 26.7052, 0.4214, 0.3192.



This preview shows how white text looks on a background with the Yxy color 26.7052, 0.4214, 0.3192.

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

26.7052, 0.4214, 0.3192

Protanopia

26.8471, 0.3221, 0.3372

Deuteranopia

26.8088, 0.3648, 0.3571



Tritanopia

26.7052, 0.4214, 0.3192

Trichromacy



Original Color

26.7052, 0.4214, 0.3192

Protanomaly

26.1961, 0.3563, 0.3291

Deuteranomaly

26.4736, 0.3863, 0.3423

Tritanomaly

26.7052, 0.4214, 0.3192

Monochromacy



Original Color

26.7052, 0.4214, 0.3192

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.3588, 0.3490, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7052, 0.4214, 0.3192 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(207, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(207, 114, 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(207, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 114, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.7052, 0.4214, 0.3192 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(207, 114, 122) }
```

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

```
.border{ border-color:rgb(207, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(207, 114,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7052, 0.4214, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 114, 122) }
```

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

```
.background{ background-color: rgb(207,  
114, 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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