

Converting Colors

$Y_{xy}(27.2120, 0.4122, 0.3177)$

Have a look what the booklet for
Yxy(27.2120, 0.4122, 0.3177)
contains.

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Color

Yxy(27.2081, 0.4122, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	CD757E
RGB	205, 117, 126
RGB Percent	80%, 46%, 49%
CMY	0.1961, 0.5411, 0.5059
CMYK	0.00, 0.43, 0.39, 0.20
HSL	354°, 47%, 63%
HSV	354°, 43%, 80%
XYZ	35.3012, 27.2081, 23.1316
YIQ	144.3380, 49.5590, 21.4550

Conversions

Conversions Part 2

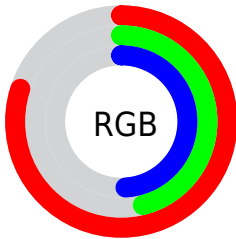
Format	Color
R_{YB}	205, 117, 126
Decimal	13464958
CIE _{Lab}	59.17, 35.41, 10.26
CIE _{LCh}	59, 36.870, 16.156
Yxy	27.2081, 0.4122, 0.3177
Android (android.graphics.Color)	4291655038 (0xFFCD757E)
YUV	144.3380, -9.0406, 53.2006
Hunter-Lab	52.1614, 29.5207, 10.2201

Details

The Yxy color **27.2081, 0.4122, 0.3177** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.4234, 0.2598, 0.3414**, and the grayscale version is **28.0569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2641, 0.3827, 0.3197**, and **10.7282, 0.4492, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **22.5115, 0.4499, 0.3156**, and if you desaturate by 10%, it is **33.0407, 0.3806, 0.3203**.

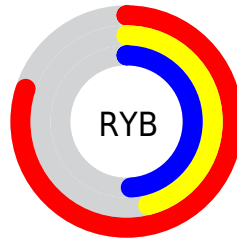
Distribution



Red (80%)

Green (46%)

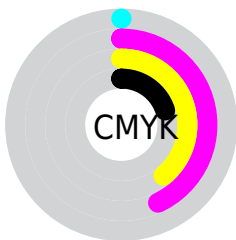
Blue (49%)



Red (80%)

Yellow (46%)

Blue (49%)

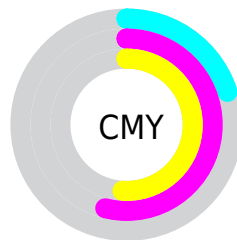


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (20%)



Cyan (20%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2081, 0.4122, 0.3177 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 27.2081, 0.4122, 0.3177 by changing the saturation by 10% instead.


 27.2081, 0.4122,
0.3177


 27.2081, 0.4122,
0.3177


288.6633, 0.3576,
0.3252


 17.7296, 0.4276,
0.3150


 55.2176, 0.3911,
0.3210

 10.7560, 0.4484,
0.3111

 74.5174, 0.3836,
0.3220

 5.9030, 0.4781,
0.3047

 97.8597, 0.3773,
0.3229

 2.7862, 0.5235,
0.2934

125.6290, 0.3721,
0.3235

 1.0212, 0.6166,
0.2779

158.2096, 0.3677,
0.3241

 0.0000, 1.0000,
0.0000


195.9859, 0.3638,


 0.0000, 0.0000,


0.3245


0.0000


239.3423, 0.3605,
0.3249


 27.2081, 0.4122,
0.3177


 27.2081, 0.4122,
0.3177


 22.5115, 0.4499,
0.3156


 33.0407, 0.3806,
0.3203


 18.8729, 0.4926,
0.3144

 40.0722, 0.3547,
0.3230


 16.2112, 0.5377,
0.3148


 48.3662, 0.3338,
0.3257

 14.4317, 0.5800,
0.3170


 57.9801, 0.3170,
0.3283


 13.4207, 0.6131,
0.3211

 68.9680, 0.3034,
0.3306

 13.0309, 0.6291,
0.3239

 81.3812, 0.2925,
0.3328

 91.7059, 0.2833,
0.3291

 91.7169, 0.2832,
0.3289

Harmonies

Analogous

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



27.2081, 0.3587, 0.2756



27.2081, 0.4122, 0.3177



27.2081, 0.4355, 0.3649

Triad

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



27.2081, 0.4122, 0.3177



27.2081, 0.3198, 0.4350



27.2081, 0.2114, 0.2416

Complementary

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



27.2081, 0.4122, 0.3177



51.4234, 0.2598, 0.3414

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.



27.2081, 0.2036, 0.2741



27.2081, 0.4122, 0.3177



27.2081, 0.2623, 0.3921

Square

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



27.2081, 0.4122, 0.3177



27.2081, 0.3784, 0.4384



27.2081, 0.2209, 0.3289



27.2081, 0.2432, 0.2330

Rectangle

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



27.2081, 0.4122, 0.3177



27.2081, 0.4302, 0.3955



27.2081, 0.2209, 0.3289



27.2081, 0.2061, 0.2497

Sweetspot

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



27.2095, 0.4122, 0.3177



78.8722, 0.3342, 0.3257



28.6981, 0.3070, 0.2213



16.1949, 0.3385, 0.3251



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.



27.2095, 0.4122, 0.3177



37.7566, 0.4448, 0.3158



36.3101, 0.4043, 0.3725



11.2320, 0.3274, 0.3267



8.1203, 0.6270, 0.3228



0.4254, 0.5903, 0.3026

Inverse Universe

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



27.2095, 0.4122, 0.3177



37.7566, 0.4448, 0.3158



37.4152, 0.2467, 0.2800



11.2320, 0.3274, 0.3267



8.1203, 0.6270, 0.3228



0.4254, 0.5903, 0.3026

Previews

White Background



This preview shows how the Yxy color 27.2081, 0.4122, 0.3177 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 27.2081, 0.4122, 0.3177 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 27.2081, 0.4122, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 27.2081, 0.4122, 0.3177.



This preview shows how white text looks on a background with the Yxy color 27.2081, 0.4122, 0.3177.

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

27.2081, 0.4122, 0.3177

Protanopia

27.3211, 0.3200, 0.3339

Deuteranopia

27.4746, 0.3595, 0.3539



Tritanopia

27.2081, 0.4122, 0.3177

Trichromacy



Original Color

27.2081, 0.4122, 0.3177

Protanomaly

26.7118, 0.3511, 0.3276

Deuteranomaly

26.9790, 0.3793, 0.3394

Tritanomaly

27.2081, 0.4122, 0.3177

Monochromacy



Original Color

27.2081, 0.4122, 0.3177

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9633, 0.3462, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2081, 0.4122, 0.3177 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, 117, 126)` looks like.

```
.text, #text, p{  
    color:rgb(205, 117, 126)  
}
```

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, 117, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 117, 126) }
```

Border

The CSS property to change the border of an element to Yxy 27.2081, 0.4122, 0.3177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

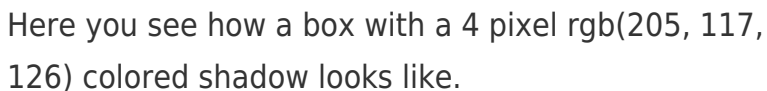
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 117, 126) }
```

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

```
.border{ border-color:rgb(205, 117, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 117, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 117, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 117, 126); box-shadow:4px 4px 4px 4px rgb(205, 117, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2081, 0.4122, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 117, 126) }
```

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

```
.background{ background-color: rgb(205,  
117, 126) }
```

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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