

Converting Colors

$Y_{xy}(25.4587, 0.4072, 0.3121)$

Have a look what the booklet for
Yxy(25.4587, 0.4072, 0.3121)
contains.

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Color

Yxy(25.4587, 0.4072, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	C7717E
RGB	199, 113, 126
RGB Percent	78%, 44%, 49%
CMY	0.2198, 0.5567, 0.5059
CMYK	0.00, 0.43, 0.37, 0.22
HSL	351°, 43%, 61%
HSV	351°, 43%, 78%
XYZ	33.2162, 25.4587, 22.8973
YIQ	140.1960, 47.0830, 22.2750

Conversions

Conversions Part 2

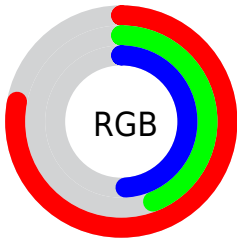
Format	Color
RYB	199, 113, 126
Decimal	13070718
CIELab	57.52, 35.29, 7.82
CIELCh	58, 36.149, 12.500
Yxy	25.4587, 0.4072, 0.3121
Android (android.graphics.Color)	4291260798 (0xFFC7717E)
YUV	140.1960, -6.9986, 51.5711
Hunter-Lab	50.4566, 29.2097, 8.4137

Details

The Yxy color **25.4587, 0.4072, 0.3121** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.8880, 0.2620, 0.3476**, and the grayscale version is **26.3212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7871, 0.3839, 0.3155**, and **9.8416, 0.4421, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **21.0953, 0.4427, 0.3089**, and if you desaturate by 10%, it is **30.8715, 0.3774, 0.3160**.

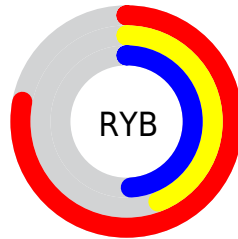
Distribution



Red (78%)

Green (44%)

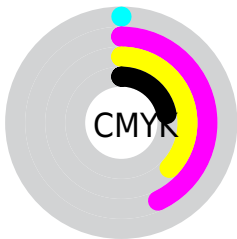
Blue (49%)



Red (78%)

Yellow (44%)

Blue (49%)

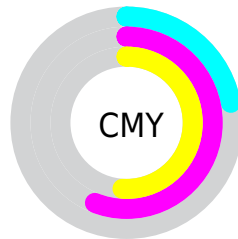


Cyan (0%)

Magenta (43%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4587, 0.4072, 0.3121 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 25.4587, 0.4072, 0.3121 by changing the saturation by 10% instead.


 25.4587, 0.4072,
0.3121


 25.4587, 0.4072,
0.3121


280.1147, 0.3549,
0.3225


 16.4191, 0.4222,
0.3087


 52.4004, 0.3868,
0.3164

 9.8212, 0.4426,
0.3038


 71.0713, 0.3796,
0.3179

 5.2806, 0.4721,
0.2961

 93.7215, 0.3737,
0.3190

 2.4128, 0.5180,
0.2829

 120.7353, 0.3687,
0.3200

 0.8325, 0.6196,
0.2657

152.4971, 0.3644,
0.3207

 0.0000, 1.0000,
0.0000

189.3913, 0.3608,

 0.0000, 0.0000,

0.3214

0.0000

231.8024, 0.3576,
0.3220

■ 25.4587, 0.4072,
0.3121

■ 25.4587, 0.4072,
0.3121

■ 21.0953, 0.4427,
0.3089

■ 30.8715, 0.3774,
0.3160

■ 17.7095, 0.4831,
0.3069

■ 37.3918, 0.3529,
0.3201

■ 15.2265, 0.5263,
0.3069


■ 45.0778, 0.3331,
0.3241


■ 13.5592, 0.5679,
0.3096

■ 53.9828, 0.3171,
0.3279


■ 12.6028, 0.6024,
0.3150

■ 64.1566, 0.3042,
0.3314

 12.2308, 0.6201,
0.3190

 75.6462, 0.2938,
0.3345

 88.4964, 0.2853,
0.3375

 90.8771, 0.2800,
0.3289

Harmonies

Analogous

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



25.4587, 0.3512, 0.2711



25.4587, 0.4072, 0.3121



25.4587, 0.4350, 0.3592

Triad

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



25.4587, 0.4072, 0.3121



25.4587, 0.3272, 0.4379



25.4587, 0.2089, 0.2441

Complementary

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



25.4587, 0.4072, 0.3121



47.8880, 0.2620, 0.3476

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.



25.4587, 0.2041, 0.2795



25.4587, 0.4072, 0.3121



25.4587, 0.2686, 0.3992

Square

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



25.4587, 0.4072, 0.3121



25.4587, 0.3849, 0.4365



25.4587, 0.2246, 0.3367



25.4587, 0.2380, 0.2327

Rectangle

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



25.4587, 0.4072, 0.3121



25.4587, 0.4326, 0.3902



25.4587, 0.2246, 0.3367



25.4587, 0.2046, 0.2532

Sweetspot

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



25.4600, 0.4072, 0.3121



78.9606, 0.3331, 0.3241



26.2084, 0.3024, 0.2193



16.2164, 0.3372, 0.3232



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.



25.4600, 0.4072, 0.3121



37.2424, 0.4410, 0.3090



32.5792, 0.4074, 0.3671



10.6626, 0.3266, 0.3255



7.8762, 0.6175, 0.3175



0.3815, 0.5669, 0.2897

Inverse Universe

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



25.4600, 0.4072, 0.3121



37.2424, 0.4410, 0.3090



36.5036, 0.2476, 0.2864



10.6626, 0.3266, 0.3255



7.8762, 0.6175, 0.3175



0.3815, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 25.4587, 0.4072, 0.3121 looks on a white background.

Color Contrast Check

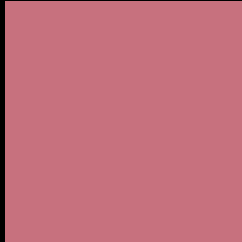
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4587, 0.4072, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

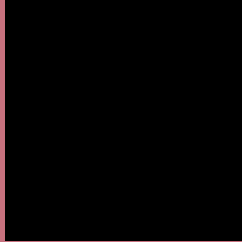
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4587, 0.4072, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 25.4587, 0.4072, 0.3121.



This preview shows how white text looks on a background with the Yxy color 25.4587, 0.4072, 0.3121.

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

25.4587, 0.4072, 0.3121

Protanopia

25.7331, 0.3140, 0.3257

Deuteranopia

25.7244, 0.3539, 0.3483



Tritanopia

25.5819, 0.4121, 0.3187

Trichromacy



Original Color

25.4587, 0.4072, 0.3121

Protanomaly

25.1312, 0.3451, 0.3197

Deuteranomaly

25.2360, 0.3738, 0.3337

Tritanomaly

25.6068, 0.4108, 0.3174

Monochromacy



Original Color

25.4587, 0.4072, 0.3121

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2916, 0.3437, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4587, 0.4072, 0.3121 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(199, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 113, 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(199, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.4587, 0.4072, 0.3121 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(199, 113, 126) }
```

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

```
.border{ border-color:rgb(199, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4587, 0.4072, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 113, 126) }
```

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

```
.background{ background-color: rgb(199,  
113, 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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