

Converting Colors

$Y_{xy}(25.9002, 0.4769, 0.3208)$

Have a look what the booklet for
Yxy(25.9002, 0.4769, 0.3208)
contains.

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Color

Yxy(25.9002, 0.4769, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	E36169
RGB	227, 97, 105
RGB Percent	89%, 38%, 41%
CMY	0.1098, 0.6196, 0.5883
CMYK	0.00, 0.57, 0.54, 0.11
HSL	356°, 70%, 64%
HSV	356°, 57%, 89%
XYZ	38.5031, 25.9002, 16.3330
YIQ	136.7820, 74.9120, 30.0480

Conversions

Conversions Part 2

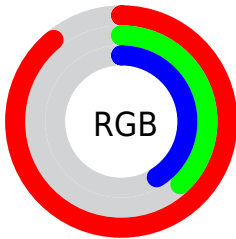
Format	Color
R_{YB}	227, 97, 105
Decimal	14901609
CIE _{Lab}	57.94, 51.24, 21.22
CIE _{LCh}	58, 55.464, 22.494
Yxy	25.9002, 0.4769, 0.3208
Android (android.graphics.Color)	4293091689 (0xFFE36169)
YUV	136.7820, -15.6685, 79.1212
Hunter-Lab	50.8922, 45.9849, 16.5965

Details

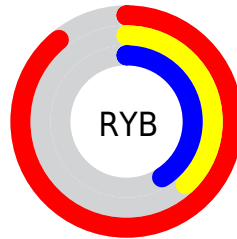
The Yxy color **25.9002, 0.4769, 0.3208** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **62.5957, 0.2449, 0.3393**, and the grayscale version is **24.9698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1168, 0.4122, 0.3251**, and **9.9984, 0.5350, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **21.9050, 0.5232, 0.3207**, and if you desaturate by 10%, it is **31.2078, 0.4345, 0.3217**.

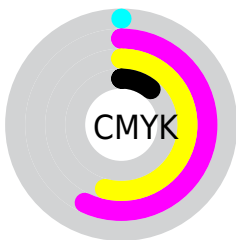
Distribution



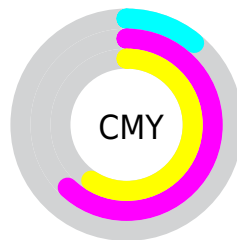
- Red (89%)
- Green (38%)
- Blue (41%)



- Red (89%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (57%)
- Yellow (54%)
- Black (11%)



- Cyan (11%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9002, 0.4769, 0.3208 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 25.9002, 0.4769, 0.3208 by changing the saturation by 10% instead.


 25.9002, 0.4769,
0.3208


 25.9002, 0.4769,
0.3208


282.2918, 0.3865,
0.3296


 16.7490, 0.5019,
0.3166

 53.1139, 0.4422,
0.3254


 10.0557, 0.5351,
0.3098


 71.9452, 0.4297,
0.3266

 5.4359, 0.5809,
0.2980


 94.7720, 0.4193,
0.3276

 2.5052, 0.6480,
0.2769

 121.9786, 0.4106,
0.3282

 0.8793, 0.7611,
0.2389

153.9495, 0.4032,
0.3287

 0.0000, 1.0000,
0.0000

191.0691, 0.3969,

 0.0000, 0.0000,


0.3291

0.0000


233.7217, 0.3913,
0.3294


 25.9002, 0.4769,
0.3208


 25.9002, 0.4769,
0.3208


 21.9050, 0.5232,
0.3207


 31.2078, 0.4345,
0.3217

 19.1041, 0.5686,
0.3217

 37.9242, 0.3981,
0.3231

 17.3659, 0.6064,
0.3238

 46.1414, 0.3681,
0.3247

 16.5155, 0.6305,
0.3267

 55.9425, 0.3438,
0.3264

 16.3626, 0.6349,
0.3271

 67.4047, 0.3244,
0.3279

■ 80.5999, 0.3088,
0.3294

■ 95.0153, 0.2963,
0.3298

■ 95.0711, 0.2958,
0.3290

Harmonies

Analogous

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



25.9002, 0.4014, 0.2620



25.9002, 0.4769, 0.3208



25.9002, 0.4961, 0.3859

Triad

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



25.9002, 0.4769, 0.3208



25.9002, 0.2982, 0.4899



25.9002, 0.1746, 0.1969

Complementary

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



25.9002, 0.4769, 0.3208



62.5957, 0.2449, 0.3393

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.



25.9002, 0.1569, 0.2310



25.9002, 0.4769, 0.3208



25.9002, 0.2196, 0.4078

Square

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



25.9002, 0.4769, 0.3208



25.9002, 0.3854, 0.4985



25.9002, 0.1708, 0.3040



25.9002, 0.2238, 0.1940

Rectangle

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



25.9002, 0.4769, 0.3208



25.9002, 0.4763, 0.4300



25.9002, 0.1708, 0.3040



25.9002, 0.1653, 0.2044

Sweetspot

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



25.9016, 0.4769, 0.3208



73.0432, 0.3435, 0.3264



29.0539, 0.3102, 0.1911



15.0440, 0.3480, 0.3261



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.



25.9016, 0.4769, 0.3208



27.5950, 0.5333, 0.3208



40.0875, 0.4438, 0.3929



14.3823, 0.3283, 0.3276



9.5483, 0.6334, 0.3263



0.7107, 0.6151, 0.3162

Inverse Universe

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



25.9016, 0.4769, 0.3208



27.5950, 0.5333, 0.3208



37.0893, 0.2243, 0.2498



14.3823, 0.3283, 0.3276



9.5483, 0.6334, 0.3263



0.7107, 0.6151, 0.3162

Previews

White Background



This preview shows how the Yxy color 25.9002, 0.4769, 0.3208 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 25.9002, 0.4769, 0.3208 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 25.9002, 0.4769, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 25.9002, 0.4769, 0.3208.



This preview shows how white text looks on a background with the Yxy color 25.9002, 0.4769, 0.3208.

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

25.9002, 0.4769, 0.3208

Protanopia

26.0569, 0.3351, 0.3523

Deuteranopia

26.0580, 0.3898, 0.3832



Tritanopia

25.8798, 0.4783, 0.3219

Trichromacy



Original Color

25.9002, 0.4769, 0.3208

Protanomaly

24.8373, 0.3834, 0.3382

Deuteranomaly

25.3057, 0.4224, 0.3572

Tritanomaly

25.8798, 0.4783, 0.3219

Monochromacy



Original Color

25.9002, 0.4769, 0.3208

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9458, 0.3692, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9002, 0.4769, 0.3208 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(227, 97, 105)` looks like.

```
.text, #text, p{  
  color:rgb(227, 97, 105)  
}
```

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(227, 97, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 97, 105) }
```

Border

The CSS property to change the border of an element to Yxy 25.9002, 0.4769, 0.3208 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(227, 97, 105) }
```

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

```
.border{ border-color:rgb(227, 97, 105) }
```

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

Here you see how a box with a 4 pixel rgb(227, 97, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 97, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 97, 105);  
box-shadow:4px 4px 4px 4px rgb(227, 97,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9002, 0.4769, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 97, 105) }
```

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

```
.background{ background-color: rgb(227, 97,  
105) }
```

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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