

Converting Colors

$Yxy(25.8874, 0.4488, 0.2951)$

Have a look what the booklet for
Yxy(25.8874, 0.4488, 0.2951)
contains.

Yxy(25.9960, 0.4495, 0.2961)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9960, 0.4495, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	E35F7D
RGB	227, 95, 125
RGB Percent	89%, 37%, 49%
CMY	0.1099, 0.6273, 0.5099
CMYK	0.00, 0.58, 0.45, 0.11
HSL	346°, 70%, 63%
HSV	346°, 58%, 89%
XYZ	39.4637, 25.9960, 22.3350
YIQ	137.8880, 69.0420, 37.3140

Conversions

Conversions Part 2

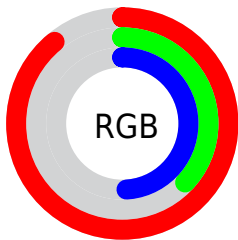
Format	Color
R_{YB}	227, 95, 125
Decimal	14901117
CIE Lab	58.03, 53.90, 9.69
CIE LCh	58, 54.768, 10.193
Yxy	25.9960, 0.4495, 0.2961
Android (android.graphics.Color)	4293091197 (0xFFE35F7D)
YUV	137.8880, -6.3538, 78.1512
Hunter-Lab	50.9863, 48.9342, 9.7179

Details

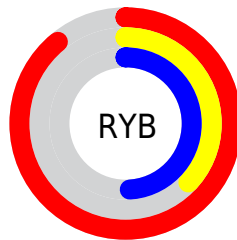
The Yxy color **25.9960, 0.4495, 0.2961** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **61.3866, 0.2544, 0.3696**, and the grayscale version is **25.3800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2470, 0.3909, 0.3009**, and **10.1235, 0.4995, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **22.0755, 0.4883, 0.2939**, and if you desaturate by 10%, it is **31.1894, 0.4147, 0.3005**.

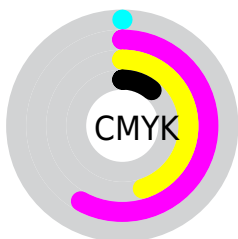
Distribution



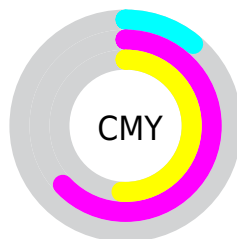
- Red (89%)
- Green (37%)
- Blue (49%)



- Red (89%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (11%)





- Cyan (11%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9960, 0.4495, 0.2961 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 25.9960, 0.4495, 0.2961 by changing the saturation by 10% instead.


 25.9960, 0.4495,
0.2961

 25.9960, 0.4495,
0.2961


282.7624, 0.3743,
0.3159


 16.8206, 0.4705,
0.2899


 53.2685, 0.4205,
0.3042

 10.1067, 0.4988,
0.2811


 72.1344, 0.4101,
0.3070

 5.4698, 0.5387,
0.2677

 94.9993, 0.4015,
0.3092

 2.5254, 0.5980,
0.2461

 122.2476, 0.3943,
0.3110

 0.8893, 0.7157,
0.2143

154.2637, 0.3882,
0.3125

 0.0000, 1.0000,
0.0000

191.4319, 0.3829,

 0.0000, 0.0000,

0.3138

0.0000

234.1367, 0.3783,
0.3149

■ 25.9960, 0.4495,
0.2961

■ 25.9960, 0.4495,
0.2961

■ 22.0755, 0.4883,
0.2939

■ 31.1894, 0.4147,
0.3005

■ 19.3129, 0.5288,
0.2949

■ 37.7492, 0.3850,
0.3062

■ 17.5794, 0.5667,
0.2997


■ 45.7652, 0.3603,
0.3123


■ 16.6917, 0.5978,
0.3080

■ 55.3179, 0.3401,
0.3185

■ 16.5689, 0.6029,
0.3095

■ 66.4822, 0.3237,
0.3245

 79.3279, 0.3104,
0.3300

 93.9209, 0.2997,
0.3351

 95.0653, 0.2958,
0.3290

Harmonies

Analogous

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



25.9960, 0.3610, 0.2424



25.9960, 0.4495, 0.2961



25.9960, 0.4935, 0.3588

Triad

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



25.9960, 0.4495, 0.2961



25.9960, 0.3343, 0.5002



25.9960, 0.1652, 0.2081

Complementary

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



25.9960, 0.4495, 0.2961



61.3866, 0.2544, 0.3696

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.



25.9960, 0.1603, 0.2570



25.9960, 0.4495, 0.2961



25.9960, 0.2502, 0.4464

Square

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



25.9960, 0.4495, 0.2961



25.9960, 0.4173, 0.4816



25.9960, 0.1880, 0.3446



25.9960, 0.2010, 0.1933

Rectangle

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



25.9960, 0.4495, 0.2961



25.9960, 0.4891, 0.4025



25.9960, 0.1880, 0.3446



25.9960, 0.1602, 0.2202

Sweetspot

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



25.9974, 0.4495, 0.2961



73.4188, 0.3382, 0.3191



25.4963, 0.2877, 0.1799



15.1315, 0.3419, 0.3179



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.



25.9974, 0.4495, 0.2961



27.7828, 0.4977, 0.2938



33.1763, 0.4640, 0.3688



14.4213, 0.3257, 0.3237



9.6810, 0.5994, 0.3076



0.7293, 0.5586, 0.2851

Inverse Universe

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



25.9974, 0.4495, 0.2961



27.7828, 0.4977, 0.2938



45.5844, 0.2301, 0.2806



14.4213, 0.3257, 0.3237



9.6810, 0.5994, 0.3076



0.7293, 0.5586, 0.2851

Previews

White Background



This preview shows how the Yxy color 25.9960, 0.4495, 0.2961 looks on a white background.

Color Contrast Check

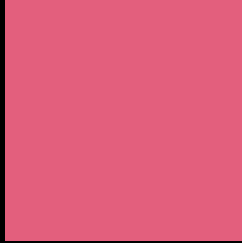
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9960, 0.4495, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

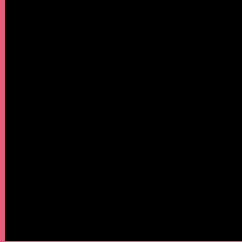
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9960, 0.4495, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 25.9960, 0.4495, 0.2961.

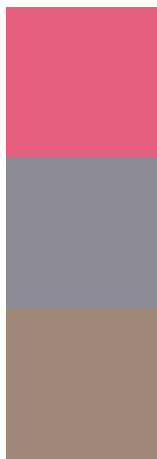


This preview shows how white text looks on a background with the Yxy color 25.9960, 0.4495, 0.2961.

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

25.9960, 0.4495, 0.2961

Protanopia

26.2106, 0.3038, 0.3127

Deuteranopia

26.2369, 0.3605, 0.3544



Tritanopia

26.1124, 0.4745, 0.3229

Trichromacy



Original Color

25.9960, 0.4495, 0.2961

Protanomaly

24.8300, 0.3527, 0.3038

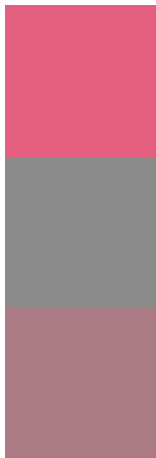
Deuteranomaly

25.1277, 0.3937, 0.3278

Tritanomaly

26.0740, 0.4654, 0.3139

Monochromacy



Original Color

25.9960, 0.4495, 0.2961

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.1586, 0.3592, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9960, 0.4495, 0.2961 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, 95, 125)` looks like.

```
.text, #text, p{  
  color:rgb(227, 95, 125)  
}
```

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, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 95, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.9960, 0.4495, 0.2961 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, 95, 125) }
```

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

```
.border{ border-color:rgb(227, 95, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 95, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(227, 95,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9960, 0.4495, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 95, 125) }
```

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

```
.background{ background-color: rgb(227, 95,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor