

Converting Colors

$Y_{xy}(26.6459, 0.4418, 0.2946)$

Have a look what the booklet for
Yxy(26.6459, 0.4418, 0.2946)
contains.

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Color

Yxy(26.6512, 0.4423, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	E36281
RGB	227, 98, 129
RGB Percent	89%, 38%, 51%
CMY	0.1097, 0.6157, 0.4941
CMYK	0.00, 0.57, 0.43, 0.11
HSL	346°, 70%, 64%
HSV	346°, 57%, 89%
XYZ	40.0130, 26.6512, 23.8015
YIQ	140.1050, 66.9330, 36.9890

Conversions

Conversions Part 2

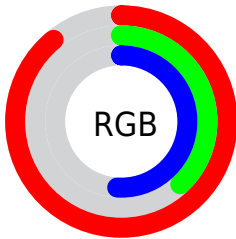
Format	Color
R _Y B	227, 98, 129
Decimal	14901889
CIE Lab	58.65, 52.97, 8.23
CIE LCh	59, 53.603, 8.830
Yxy	26.6512, 0.4423, 0.2946
Android (android.graphics.Color)	4293091969 (0xFFE36281)
YUV	140.1050, -5.4748, 76.2069
Hunter-Lab	51.6248, 48.0071, 8.8018

Details

The Yxy color **26.6512, 0.4423, 0.2946** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **61.5316, 0.2561, 0.3709**, and the grayscale version is **26.2700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4199, 0.3849, 0.2988**, and **10.4506, 0.4881, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **22.5698, 0.4800, 0.2918**, and if you desaturate by 10%, it is **32.0172, 0.4088, 0.2996**.

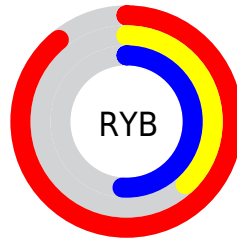
Distribution



Red (89%)

Green (38%)

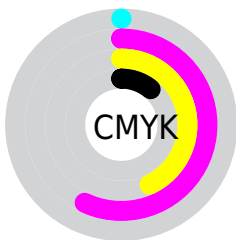
Blue (51%)



Red (89%)

Yellow (38%)

Blue (51%)

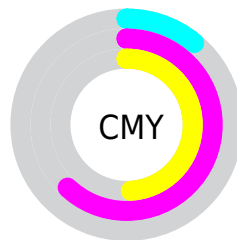


Cyan (0%)

Magenta (57%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6512, 0.4423, 0.2946 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 26.6512, 0.4423, 0.2946 by changing the saturation by 10% instead.


 26.6512, 0.4423,
0.2946


 26.6512, 0.4423,
0.2946


285.9643, 0.3713,
0.3148


 17.3114, 0.4621,
0.2884

 54.3236, 0.4150,
0.3027


 10.4568, 0.4886,
0.2798


 73.4251, 0.4052,
0.3056

 5.7029, 0.5261,
0.2669

 96.5493, 0.3971,
0.3078

 2.6653, 0.5818,
0.2463

 124.0805, 0.3903,
0.3097

 0.9596, 0.6826,
0.2134

156.4033, 0.3845,
0.3113

 0.0000, 1.0000,
0.0000

193.9019, 0.3795,

 0.0000, 0.0000,

0.3127

0.0000

236.9608, 0.3752,
0.3138

■ 26.6512, 0.4423,
0.2946

■ 26.6512, 0.4423,
0.2946

■ 22.5698, 0.4800,
0.2918

■ 32.0172, 0.4088,
0.2996

■ 19.6600, 0.5198,
0.2921

■ 38.7597, 0.3803,
0.3057

■ 17.7963, 0.5580,
0.2965

■ 46.9672, 0.3567,
0.3122

■ 16.8164, 0.5902,
0.3046

■ 56.7193, 0.3373,
0.3187

■ 16.6057, 0.5990,
0.3074

■ 68.0901, 0.3217,
0.3250

■ 81.1487, 0.3090,
0.3308

■ 94.7390, 0.2987,
0.3343

■ 95.0741, 0.2958,
0.3290

Harmonies

Analogous

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



26.6512, 0.3555, 0.2425



26.6512, 0.4423, 0.2946



26.6512, 0.4878, 0.3559

Triad

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



26.6512, 0.4423, 0.2946



26.6512, 0.3382, 0.4954



26.6512, 0.1678, 0.2126

Complementary

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



26.6512, 0.4423, 0.2946



61.5316, 0.2561, 0.3709

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.



26.6512, 0.1644, 0.2624



26.6512, 0.4423, 0.2946



26.6512, 0.2556, 0.4463

Square

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



26.6512, 0.4423, 0.2946



26.6512, 0.4185, 0.4759



26.6512, 0.1934, 0.3490



26.6512, 0.2015, 0.1966

Rectangle

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



26.6512, 0.4423, 0.2946



26.6512, 0.4856, 0.3986



26.6512, 0.1934, 0.3490



26.6512, 0.1633, 0.2251

Sweetspot

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



26.6526, 0.4423, 0.2946



73.4496, 0.3378, 0.3186



25.8513, 0.2863, 0.1820



15.1387, 0.3414, 0.3173



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.



26.6526, 0.4423, 0.2946



28.6711, 0.4863, 0.2916



33.2472, 0.4609, 0.3657



14.4245, 0.3255, 0.3234



9.6978, 0.5954, 0.3054



0.7310, 0.5543, 0.2827

Inverse Universe

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



26.6526, 0.4423, 0.2946



28.6711, 0.4863, 0.2916



47.0673, 0.2323, 0.2849



14.4245, 0.3255, 0.3234



9.6978, 0.5954, 0.3054



0.7310, 0.5543, 0.2827

Previews

White Background



This preview shows how the Yxy color 26.6512, 0.4423, 0.2946 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 26.6512, 0.4423, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

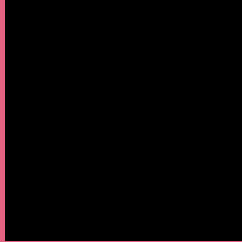
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6512, 0.4423, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 26.6512, 0.4423, 0.2946.



This preview shows how white text looks on a background with the Yxy color 26.6512, 0.4423, 0.2946.

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

26.6512, 0.4423, 0.2946

Protanopia

27.0124, 0.3010, 0.3096

Deuteranopia

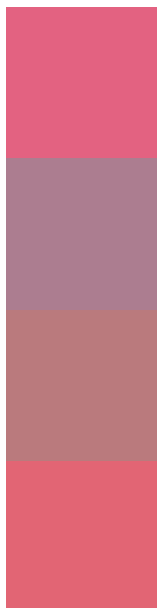
26.7198, 0.3568, 0.3495



Tritanopia

26.7756, 0.4670, 0.3217

Trichromacy



Original Color

26.6512, 0.4423, 0.2946

Protanomaly

25.4515, 0.3474, 0.3009

Deuteranomaly

25.8388, 0.3888, 0.3250

Tritanomaly

26.7371, 0.4580, 0.3126

Monochromacy



Original Color

26.6512, 0.4423, 0.2946

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2155, 0.3570, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6512, 0.4423, 0.2946 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, 98, 129)` looks like.

```
.text, #text, p{  
    color:rgb(227, 98, 129)  
}
```

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, 98, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 98, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.6512, 0.4423, 0.2946 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, 98, 129) }
```

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

```
.border{ border-color:rgb(227, 98, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 98, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 98, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 98, 129);  
box-shadow:4px 4px 4px 4px rgb(227, 98,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6512, 0.4423, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 98, 129) }
```

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

```
.background{ background-color: rgb(227, 98,  
129) }
```

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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