

Converting Colors

$Yxy(26.9132, 0.4820, 0.3349)$

Have a look what the booklet for
Yxy(26.9132, 0.4820, 0.3349)
contains.

Yxy(26.9132, 0.4820, 0.3349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9132, 0.4820, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	E36762
RGB	227, 103, 98
RGB Percent	89%, 40%, 38%
CMY	0.1098, 0.5961, 0.6156
CMYK	0.00, 0.55, 0.57, 0.11
HSL	2°, 70%, 64%
HSV	2°, 57%, 89%
XYZ	38.7344, 26.9132, 14.7143
YIQ	139.5060, 75.5090, 24.7330

Conversions

Conversions Part 2

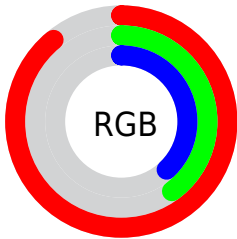
Format	Color
RYB	227, 103, 98
Decimal	14903138
CIELab	58.89, 47.88, 26.49
CIElCh	59, 54.723, 28.957
Yxy	26.9132, 0.4820, 0.3349
Android (android.graphics.Color)	4293093218 (0xFFE36762)
YUV	139.5060, -20.4625, 76.7322
Hunter-Lab	51.8779, 42.4899, 19.4980

Details

The Yxy color **26.9132, 0.4820, 0.3349** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **60.3971, 0.2403, 0.3223**, and the grayscale version is **26.0845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5439, 0.4171, 0.3377**, and **10.5426, 0.5408, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **22.7552, 0.5291, 0.3352**, and if you desaturate by 10%, it is **32.3284, 0.4385, 0.3341**.

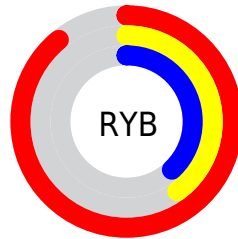
Distribution



Red (89%)

Green (40%)

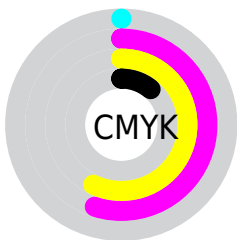
Blue (38%)



Red (89%)

Yellow (40%)

Blue (38%)

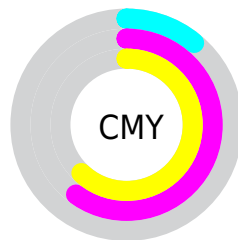


Cyan (0%)

Magenta (55%)

Yellow (57%)

Black (11%)



Cyan (11%)


Magenta (60%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9132, 0.4820, 0.3349 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 26.9132, 0.4820, 0.3349 by changing the saturation by 10% instead.


 26.9132, 0.4820,
0.3349


 26.9132, 0.4820,
0.3349


287.2366, 0.3895,
0.3370


 17.5080, 0.5071,
0.3321


 54.7446, 0.4467,
0.3372


 10.5974, 0.5402,
0.3269


 73.9395, 0.4339,
0.3375

 5.7968, 0.5848,
0.3170

 97.1666, 0.4233,
0.3377

 2.7219, 0.6532,
0.2999

 124.8101, 0.4144,
0.3376

 0.9883, 0.7419,
0.2581

157.2545, 0.4068,
0.3375

 0.0000, 1.0000,
0.0000

194.8841, 0.4002,

 0.0000, 0.0000,

0.3374

0.0000

238.0833, 0.3945,
0.3372

■ 26.9132, 0.4820,
0.3349

■ 26.9132, 0.4820,
0.3349

■ 22.7552, 0.5291,
0.3352

■ 32.3284, 0.4385,
0.3341

■ 19.7494, 0.5746,
0.3348

■ 39.0862, 0.4009,
0.3331

■ 17.7809, 0.6113,
0.3335

■ 47.2696, 0.3698,
0.3319

■ 16.7088, 0.6334,
0.3318

■ 56.9538, 0.3445,
0.3308

■ 16.5212, 0.6379,
0.3317

■ 68.2083, 0.3242,
0.3297

■ 81.0989, 0.3079,
0.3287

■ 95.0709, 0.2958,
0.3290

Harmonies

Analogous

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



26.9132, 0.4183, 0.2751



26.9132, 0.4820, 0.3349



26.9132, 0.4882, 0.3994

Triad

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



26.9132, 0.4820, 0.3349



26.9132, 0.2809, 0.4732



26.9132, 0.1852, 0.1967

Complementary

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



26.9132, 0.4820, 0.3349



60.3971, 0.2403, 0.3223

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.



26.9132, 0.1612, 0.2232



26.9132, 0.4820, 0.3349



26.9132, 0.2087, 0.3834

Square

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



26.9132, 0.4820, 0.3349



26.9132, 0.3664, 0.4984



26.9132, 0.1681, 0.2863



26.9132, 0.2404, 0.1996

Rectangle

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



26.9132, 0.4820, 0.3349



26.9132, 0.4623, 0.4419



26.9132, 0.1681, 0.2863



26.9132, 0.1738, 0.2019

Sweetspot

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



26.9147, 0.4820, 0.3349



73.7475, 0.3452, 0.3308



30.3824, 0.3233, 0.1991



15.2073, 0.3499, 0.3310



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.



26.9147, 0.4820, 0.3349



28.8913, 0.5367, 0.3352



44.7816, 0.4328, 0.4066



14.4567, 0.3292, 0.3300



9.6739, 0.6372, 0.3323



0.7466, 0.6291, 0.3387

Inverse Universe

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



60.3971, 0.2403, 0.3223



76.3179, 0.2318, 0.3208



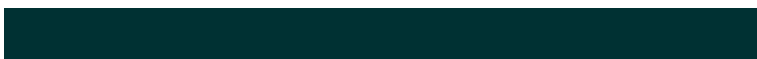
32.6705, 0.2208, 0.2314



16.2359, 0.2982, 0.3280



32.5902, 0.2214, 0.3169



2.4382, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 26.9132, 0.4820, 0.3349 looks on a white background.

Color Contrast Check

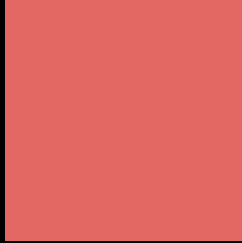
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9132, 0.4820, 0.3349 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 26.9132, 0.4820, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 26.9132, 0.4820, 0.3349.



This preview shows how white text looks on a background with the Yxy color 26.9132, 0.4820, 0.3349.

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

26.9132, 0.4820, 0.3349

Protanopia

27.1631, 0.3506, 0.3731

Deuteranopia

27.0390, 0.4021, 0.3949



Tritanopia

26.8841, 0.4711, 0.3218

Trichromacy



Original Color

26.9132, 0.4820, 0.3349

Protanomaly

26.1262, 0.3973, 0.3570

Deuteranomaly

26.2998, 0.4322, 0.3701

Tritanomaly

26.9962, 0.4758, 0.3273

Monochromacy



Original Color

26.9132, 0.4820, 0.3349

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4301, 0.3697, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9132, 0.4820, 0.3349 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, 103, 98)` looks like.

```
.text, #text, p{  
    color:rgb(227, 103, 98)  
}
```

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, 103, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 103, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.9132, 0.4820, 0.3349 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, 103, 98) }
```

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

```
.border{ border-color:rgb(227, 103, 98) }
```

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

Here you see how a box with a 4 pixel rgb(227, 103, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 103, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 103, 98);  
box-shadow:4px 4px 4px 4px rgb(227, 103,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9132, 0.4820, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 103, 98) }
```

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

```
.background{ background-color: rgb(227,  
103, 98) }
```

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