

Converting Colors

$Yxy(25.1583, 0.4824, 0.3154)$

Have a look what the booklet for
Yxy(25.1583, 0.4824, 0.3154)
contains.

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Color

Yxy(25.1601, 0.4828, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	E55B69
RGB	229, 91, 105
RGB Percent	90%, 36%, 41%
CMY	0.1020, 0.6430, 0.5882
CMYK	0.00, 0.60, 0.54, 0.10
HSL	354°, 73%, 63%
HSV	354°, 60%, 90%
XYZ	38.5996, 25.1601, 16.1898
YIQ	133.8580, 77.7540, 33.6100

Conversions

Conversions Part 2

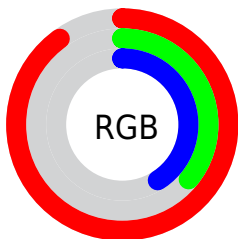
Format	Color
R_{YB}	229, 91, 105
Decimal	15031145
CIE Lab	57.23, 54.62, 20.30
CIE LCh	57, 58.271, 20.393
Yxy	25.1601, 0.4828, 0.3147
Android (android.graphics.Color)	4293221225 (0xFFE55B69)
YUV	133.8580, -14.2270, 83.4395
Hunter-Lab	50.1598, 49.5817, 15.9752

Details

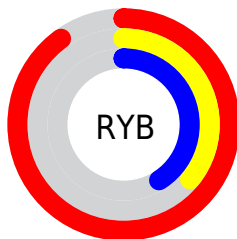
The Yxy color **25.1601, 0.4828, 0.3147** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **63.1585, 0.2452, 0.3473**, and the grayscale version is **23.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2181, 0.4147, 0.3188**, and **9.6633, 0.5439, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **21.4514, 0.5281, 0.3147**, and if you desaturate by 10%, it is **30.1680, 0.4407, 0.3161**.

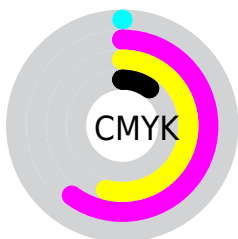
Distribution



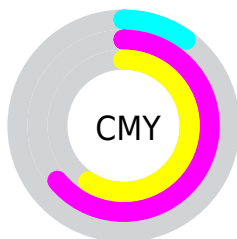
- Red (90%)
- Green (36%)
- Blue (41%)



- Red (90%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (54%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1601, 0.4828, 0.3147 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 25.1601, 0.4828, 0.3147 by changing the saturation by 10% instead.


 25.1601, 0.4828,
0.3147


 25.1601, 0.4828,
0.3147


278.6343, 0.3888,
0.3269


 16.1964, 0.5089,
0.3095


 51.9168, 0.4466,
0.3206


 9.6632, 0.5436,
0.3014


 70.4786, 0.4336,
0.3223

 5.1762, 0.5915,
0.2878

 93.0086, 0.4229,
0.3236

 2.3510, 0.6619,
0.2642

 119.8911, 0.4139,
0.3246

 0.8005, 0.7788,
0.2212

151.5105, 0.4062,
0.3254

 0.0000, 1.0000,
0.0000

188.2512, 0.3996,

 0.0000, 0.0000,

0.3260

0.0000

230.4977, 0.3938,
0.3265

■ 25.1601, 0.4828,
0.3147

■ 25.1601, 0.4828,
0.3147

■ 21.4514, 0.5281,
0.3147

■ 30.1680, 0.4407,
0.3161

■ 18.9176, 0.5718,
0.3165

■ 36.5759, 0.4041,
0.3184

■ 17.4177, 0.6075,
0.3202

■ 44.4798, 0.3737,
0.3210

■ 16.7173, 0.6301,
0.3245

■ 53.9658, 0.3490,
0.3238

■ 65.1135, 0.3291,
0.3264

■ 77.9972, 0.3131,
0.3289

■ 92.6866, 0.3002,
0.3312

■ 95.3946, 0.2970,
0.3290

Harmonies

Analogous

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



25.1601, 0.3994, 0.2545



25.1601, 0.4828, 0.3147



25.1601, 0.5068, 0.3819

Triad

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



25.1601, 0.4828, 0.3147



25.1601, 0.3026, 0.5044



25.1601, 0.1658, 0.1916

Complementary

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



25.1601, 0.4828, 0.3147



63.1585, 0.2452, 0.3473

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.



25.1601, 0.1496, 0.2291



25.1601, 0.4828, 0.3147



25.1601, 0.2189, 0.4208

Square

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



25.1601, 0.4828, 0.3147



25.1601, 0.3937, 0.5057



25.1601, 0.1659, 0.3086



25.1601, 0.2143, 0.1870

Rectangle

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



25.1601, 0.4828, 0.3147



25.1601, 0.4875, 0.4283



25.1601, 0.1659, 0.3086



25.1601, 0.1569, 0.2000

Sweetspot

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



25.1615, 0.4828, 0.3147



71.7525, 0.3443, 0.3244



27.2716, 0.3028, 0.1824



14.5249, 0.3507, 0.3236



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.



25.1615, 0.4828, 0.3147



26.5559, 0.5379, 0.3149



37.3291, 0.4587, 0.3878



14.3916, 0.3277, 0.3266



9.5682, 0.6279, 0.3233



0.7151, 0.6002, 0.3080

Inverse Universe

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



25.1615, 0.4828, 0.3147



26.5559, 0.5379, 0.3149



38.9703, 0.2225, 0.2550



14.3916, 0.3277, 0.3266



9.5682, 0.6279, 0.3233



0.7151, 0.6002, 0.3080

Previews

White Background



This preview shows how the Yxy color 25.1601, 0.4828, 0.3147 looks on a white background.

Color Contrast Check

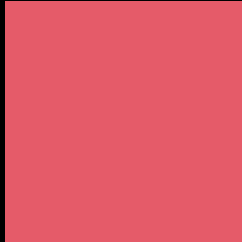
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1601, 0.4828, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

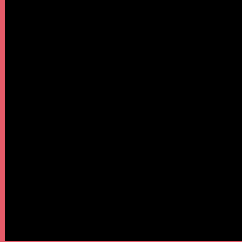
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1601, 0.4828, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 25.1601, 0.4828, 0.3147.



This preview shows how white text looks on a background with the Yxy color 25.1601, 0.4828, 0.3147.

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

25.1601, 0.4828, 0.3147

Protanopia

25.2633, 0.3300, 0.3458

Deuteranopia

25.2959, 0.3885, 0.3808



Tritanopia

25.1941, 0.4920, 0.3233

Trichromacy



Original Color

25.1601, 0.4828, 0.3147

Protanomaly

23.7635, 0.3827, 0.3307

Deuteranomaly

24.3535, 0.4252, 0.3516

Tritanomaly

25.2519, 0.4878, 0.3201

Monochromacy



Original Color

25.1601, 0.4828, 0.3147

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.8219, 0.3721, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1601, 0.4828, 0.3147 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(229, 91, 105)` looks like.

```
.text, #text, p{  
    color:rgb(229, 91, 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(229, 91, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 91, 105) }
```

Border

The CSS property to change the border of an element to Yxy 25.1601, 0.4828, 0.3147 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(229, 91, 105) }
```

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

```
.border{ border-color:rgb(229, 91, 105) }
```

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

Here you see how a box with a 4 pixel rgb(229, 91, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 91, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 91, 105);  
box-shadow:4px 4px 4px 4px rgb(229, 91,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1601, 0.4828, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 91, 105) }
```

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

```
.background{ background-color: rgb(229, 91,  
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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