

Converting Colors

$Y_{xy}(25.8609, 0.4756, 0.2940)$

Have a look what the booklet for
Yxy(25.8609, 0.4756, 0.2940)
contains.

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Color

Yxy(25.8497, 0.4754, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	EE5477
RGB	238, 84, 119
RGB Percent	93%, 33%, 47%
CMY	0.0665, 0.6707, 0.5333
CMYK	0.00, 0.65, 0.50, 0.07
HSL	346°, 82%, 63%
HSV	346°, 65%, 93%
XYZ	41.7707, 25.8497, 20.2440
YIQ	134.0360, 80.5490, 43.5330

Conversions

Conversions Part 2

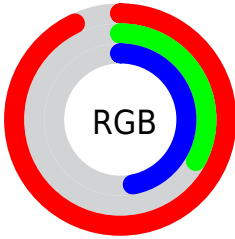
Format	Color
R_{YB}	238, 84, 119
Decimal	15619191
CIE _{Lab}	57.89, 61.63, 13.25
CIE _{LCh}	58, 63.044, 12.136
Yxy	25.8497, 0.4754, 0.2942
Android (android.graphics.Color)	4293809271 (0xFFEE5477)
YUV	134.0360, -7.4127, 91.1764
Hunter-Lab	50.8426, 57.6756, 11.9824

Details

The Yxy color **25.8497, 0.4754, 0.2942** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **67.3673, 0.2508, 0.3753**, and the grayscale version is **23.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2500, 0.4003, 0.2979**, and **10.0899, 0.5335, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **22.3647, 0.5158, 0.2941**, and if you desaturate by 10%, it is **30.6777, 0.4376, 0.2973**.

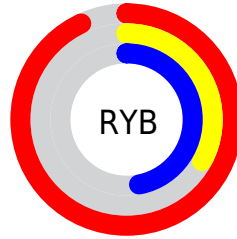
Distribution



Red (93%)

Green (33%)

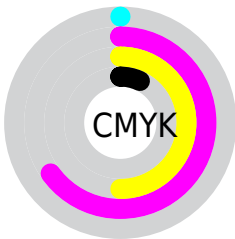
Blue (47%)



Red (93%)

Yellow (33%)

Blue (47%)

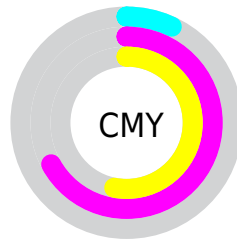


Cyan (0%)

Magenta (65%)

Yellow (50%)

Black (7%)



Cyan (7%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8497, 0.4754, 0.2942 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 25.8497, 0.4754, 0.2942 by changing the saturation by 10% instead.


 25.8497, 0.4754,
0.2942


 25.8497, 0.4754,
0.2942


282.0435, 0.3861,
0.3160


 16.7112, 0.5001,
0.2871


 53.0324, 0.4411,
0.3033

 10.0288, 0.5331,
0.2769


 71.8454, 0.4287,
0.3064

 5.4181, 0.5789,
0.2614

 94.6520, 0.4185,
0.3088

 2.4946, 0.6451,
0.2361

 121.8367, 0.4100,
0.3108

 0.8739, 0.7905,
0.2036

153.7838, 0.4026,
0.3124

 0.0000, 1.0000,
0.0000

190.8777, 0.3963,

 0.0000, 0.0000,

0.3138

0.0000

233.5028, 0.3909,
0.3150

■ 25.8497, 0.4754,
0.2942

■ 25.8497, 0.4754,
0.2942

■ 22.3647, 0.5158,
0.2941

■ 30.6777, 0.4376,
0.2973

■ 20.0802, 0.5551,
0.2977

■ 36.9636, 0.4043,
0.3022


■ 18.8290, 0.5888,
0.3051

■ 44.8146, 0.3762,
0.3081


■ 18.4519, 0.6034,
0.3098

■ 54.3270, 0.3530,
0.3144

■ 65.5888, 0.3342,
0.3205

 78.6822, 0.3189,
0.3264

 93.6840, 0.3065,
0.3318

 96.9242, 0.3024,
0.3290

Harmonies

Analogous

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



25.8497, 0.3746, 0.2348



25.8497, 0.4754, 0.2942



25.8497, 0.5197, 0.3626

Triad

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



25.8497, 0.4754, 0.2942



25.8497, 0.3269, 0.5274



25.8497, 0.1499, 0.1904

Complementary

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



25.8497, 0.4754, 0.2942



67.3673, 0.2508, 0.3753

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.



25.8497, 0.1418, 0.2402



25.8497, 0.4754, 0.2942



25.8497, 0.2339, 0.4603

Square

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



25.8497, 0.4754, 0.2942



25.8497, 0.4212, 0.5034



25.8497, 0.1682, 0.3374



25.8497, 0.1908, 0.1776

Rectangle

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



25.8497, 0.4754, 0.2942



25.8497, 0.5094, 0.4110



25.8497, 0.1682, 0.3374



25.8497, 0.1437, 0.2022

Sweetspot

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



25.8511, 0.4754, 0.2942



70.7074, 0.3419, 0.3179



25.0792, 0.2836, 0.1655



14.3354, 0.3474, 0.3161



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.



25.8511, 0.4754, 0.2942



25.0444, 0.5301, 0.2949



33.5035, 0.4900, 0.3713



15.8177, 0.3257, 0.3236



10.3065, 0.5997, 0.3077



0.8721, 0.5634, 0.2877

Inverse Universe

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



25.8511, 0.4754, 0.2942



25.0444, 0.5301, 0.2949



47.9697, 0.2229, 0.2739



15.8177, 0.3257, 0.3236



10.3065, 0.5997, 0.3077



0.8721, 0.5634, 0.2877

Previews

White Background



This preview shows how the Yxy color 25.8497, 0.4754, 0.2942 looks on a white background.

Color Contrast Check

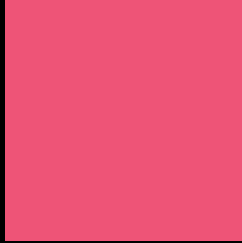
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8497, 0.4754, 0.2942 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 25.8497, 0.4754, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 25.8497, 0.4754, 0.2942.



This preview shows how white text looks on a background with the Yxy color 25.8497, 0.4754, 0.2942.

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

25.8497, 0.4754, 0.2942

Protanopia

26.1788, 0.3048, 0.3143

Deuteranopia

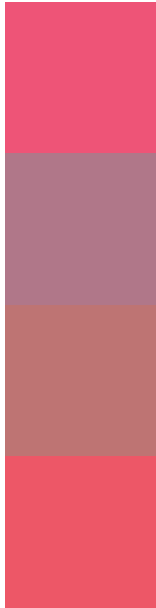
25.9014, 0.3701, 0.3638



Tritanopia

25.9574, 0.5069, 0.3247

Trichromacy



Original Color

25.8497, 0.4754, 0.2942

Protanomaly

24.2299, 0.3624, 0.3026

Deuteranomaly

24.6757, 0.4097, 0.3307

Tritanomaly

25.8002, 0.4959, 0.3137

Monochromacy



Original Color

25.8497, 0.4754, 0.2942

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.8464, 0.3688, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8497, 0.4754, 0.2942 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(238, 84, 119)` looks like.

```
.text, #text, p{  
  color:rgb(238, 84, 119)  
}
```

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(238, 84, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 84, 119) }
```

Border

The CSS property to change the border of an element to Yxy 25.8497, 0.4754, 0.2942 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(238, 84, 119) }
```

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

```
.border{ border-color:rgb(238, 84, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 84, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 84, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 84, 119); box-shadow:4px 4px 4px 4px rgb(238, 84, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8497, 0.4754, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 84, 119) }
```

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

```
.background{ background-color: rgb(238, 84,  
119) }
```

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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