

Converting Colors

$Y_{xy}(25.1807, 0.4775, 0.2913)$

Have a look what the booklet for
Yxy(25.1807, 0.4775, 0.2913)
contains.

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Color

Yxy(25.0738, 0.4764, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	ED5077
RGB	237, 80, 119
RGB Percent	93%, 31%, 47%
CMY	0.0706, 0.6862, 0.5334
CMYK	0.00, 0.66, 0.50, 0.07
HSL	345°, 81%, 62%
HSV	345°, 66%, 93%
XYZ	41.1193, 25.0738, 20.1195
YIQ	131.3890, 81.0530, 45.4130

Conversions

Conversions Part 2

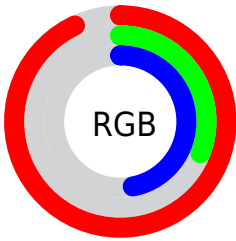
Format	Color
R _Y B	237, 80, 119
Decimal	15552631
CIE Lab	57.15, 62.87, 12.20
CIE LCh	57, 64.040, 10.983
Yxy	25.0738, 0.4764, 0.2905
Android (android.graphics.Color)	4293742711 (0xFFED5077)
YUV	131.3890, -6.1078, 92.6208
Hunter-Lab	50.0737, 58.9507, 11.2291

Details

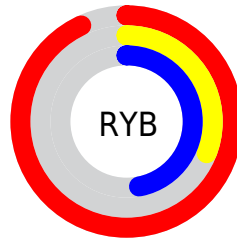
The Yxy color **25.0738, 0.4764, 0.2905** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **66.3459, 0.2515, 0.3811**, and the grayscale version is **22.8475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0916, 0.4017, 0.2938**, and **9.5689, 0.5345, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **21.8055, 0.5159, 0.2906**, and if you desaturate by 10%, it is **29.6484, 0.4392, 0.2936**.

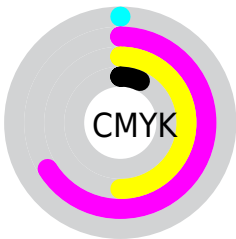
Distribution



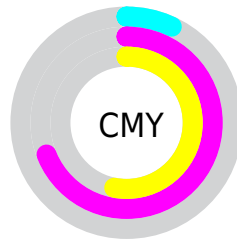
- Red (93%)
- Green (31%)
- Blue (47%)



- Red (93%)
- Yellow (31%)
- Blue (47%)



- Cyan (0%)
- Magenta (66%)
- Yellow (50%)
- Black (7%)




- Cyan (7%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0738, 0.4764, 0.2905 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 25.0738, 0.4764, 0.2905 by changing the saturation by 10% instead.


 25.0738, 0.4764,
0.2905


 25.0738, 0.4764,
0.2905


278.2053, 0.3862,
0.3143


 16.1320, 0.5015,
0.2829


 51.7769, 0.4417,
0.3003

 9.6176, 0.5351,
0.2720


 70.3071, 0.4292,
0.3037

 5.1462, 0.5819,
0.2556

 92.8022, 0.4189,
0.3063

 2.3333, 0.6498,
0.2289

 119.6466, 0.4102,
0.3085

 0.7912, 0.8035,
0.1944

151.2247, 0.4029,
0.3103

 0.0000, 1.0000,
0.0000

187.9209, 0.3965,

 0.0000, 0.0000,

0.3118

0.0000

230.1196, 0.3910,
0.3131

■ 25.0738, 0.4764,
0.2905

■ 25.0738, 0.4764,
0.2905

■ 21.8055, 0.5159,
0.2906

■ 29.6484, 0.4392,
0.2936

■ 19.6995, 0.5540,
0.2948

■ 35.6449, 0.4062,
0.2989

■ 18.5839, 0.5866,
0.3029


■ 43.1708, 0.3783,
0.3052

■ 18.3160, 0.5972,
0.3064

■ 52.3221, 0.3551,
0.3120

■ 63.1868, 0.3361,
0.3188

 75.8467, 0.3208,
0.3252

 90.3782, 0.3083,
0.3312

 96.7422, 0.3017,
0.3290

Harmonies

Analogous

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



25.0738, 0.3715, 0.2308



25.0738, 0.4764, 0.2905



25.0738, 0.5243, 0.3596

Triad

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



25.0738, 0.4764, 0.2905



25.0738, 0.3302, 0.5335



25.0738, 0.1459, 0.1885

Complementary

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



25.0738, 0.4764, 0.2905



66.3459, 0.2515, 0.3811

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.



25.0738, 0.1388, 0.2406



25.0738, 0.4764, 0.2905



25.0738, 0.2349, 0.4686

Square

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



25.0738, 0.4764, 0.2905



25.0738, 0.4261, 0.5046



25.0738, 0.1668, 0.3420



25.0738, 0.1859, 0.1746

Rectangle

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



25.0738, 0.4764, 0.2905



25.0738, 0.5149, 0.4086



25.0738, 0.1668, 0.3420



25.0738, 0.1400, 0.2010

Sweetspot

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



25.0752, 0.4764, 0.2905



69.4377, 0.3430, 0.3162



23.8266, 0.2801, 0.1613



14.0910, 0.3483, 0.3143



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.



25.0752, 0.4764, 0.2905



24.8469, 0.5280, 0.2914



31.8394, 0.4982, 0.3689



15.1154, 0.3254, 0.3232



10.0187, 0.5932, 0.3042



0.8017, 0.5542, 0.2827

Inverse Universe

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



25.0752, 0.4764, 0.2905



24.8469, 0.5280, 0.2914



48.0929, 0.2224, 0.2761



15.1154, 0.3254, 0.3232



10.0187, 0.5932, 0.3042



0.8017, 0.5542, 0.2827

Previews

White Background



This preview shows how the Yxy color 25.0738, 0.4764, 0.2905 looks on a white background.

Color Contrast Check

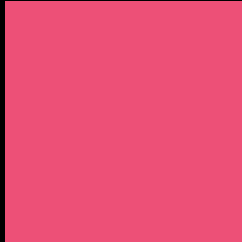
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0738, 0.4764, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

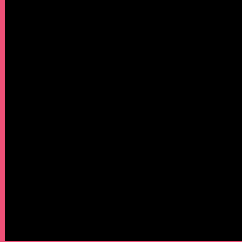
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0738, 0.4764, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 25.0738, 0.4764, 0.2905.

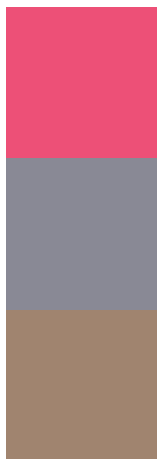


This preview shows how white text looks on a background with the Yxy color 25.0738, 0.4764, 0.2905.

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

25.0738, 0.4764, 0.2905

Protanopia

25.3796, 0.3007, 0.3091

Deuteranopia

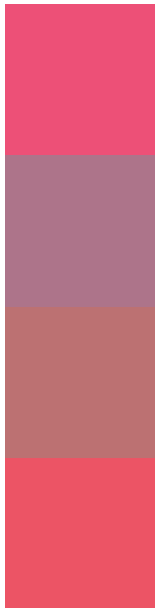
25.1238, 0.3698, 0.3626



Tritanopia

25.0731, 0.5113, 0.3248

Trichromacy



Original Color

25.0738, 0.4764, 0.2905

Protanomaly

23.2100, 0.3583, 0.2963

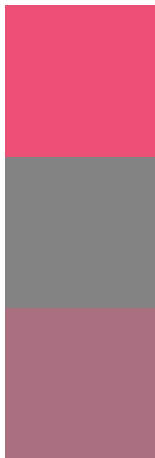
Deuteranomaly

23.7165, 0.4104, 0.3279

Tritanomaly

25.1131, 0.4997, 0.3129

Monochromacy



Original Color

25.0738, 0.4764, 0.2905

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.6667, 0.3704, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0738, 0.4764, 0.2905 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(237, 80, 119)` looks like.

```
.text, #text, p{  
    color:rgb(237, 80, 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(237, 80, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 80, 119) }
```

Border

The CSS property to change the border of an element to Yxy 25.0738, 0.4764, 0.2905 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(237, 80, 119) }
```

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

```
.border{ border-color:rgb(237, 80, 119) }
```

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

Here you see how a box with a 4 pixel rgb(237, 80, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 80, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 80, 119);  
box-shadow:4px 4px 4px 4px rgb(237, 80,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0738, 0.4764, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 80, 119) }
```

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

```
.background{ background-color: rgb(237, 80,  
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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