

Converting Colors

$Y_{xy}(26.0679, 0.4564, 0.2914)$

Have a look what the booklet for
Yxy(26.0679, 0.4564, 0.2914)
contains.

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Color

Yxy(25.9745, 0.4559, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	E85A7E
RGB	232, 90, 126
RGB Percent	91%, 35%, 49%
CMY	0.0901, 0.6471, 0.5059
CMYK	0.00, 0.61, 0.46, 0.09
HSL	345°, 76%, 63%
HSV	345°, 61%, 91%
XYZ	40.7074, 25.9745, 22.6083
YIQ	136.5620, 73.0760, 41.3000

Conversions

Conversions Part 2

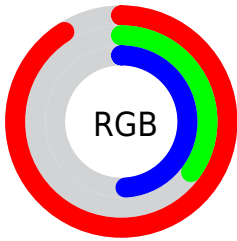
Format	Color
R_{YB}	232, 90, 126
Decimal	15227518
CIE _{Lab}	58.01, 57.87, 9.18
CIE _{LCh}	58, 58.593, 9.011
Yxy	25.9745, 0.4559, 0.2909
Android (android.graphics.Color)	4293417598 (0xFFE85A7E)
YUV	136.5620, -5.2071, 83.6991
Hunter-Lab	50.9652, 53.3841, 9.3745

Details

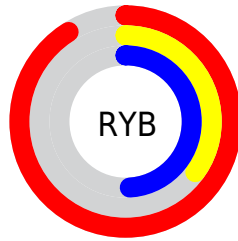
The Yxy color **25.9745, 0.4559, 0.2909** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **63.8863, 0.2544, 0.3775**, and the grayscale version is **24.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0321, 0.3911, 0.2958**, and **10.0243, 0.5075, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **22.2457, 0.4942, 0.2891**, and if you desaturate by 10%, it is **31.0046, 0.4210, 0.2954**.

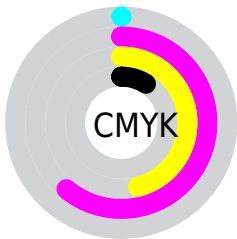
Distribution



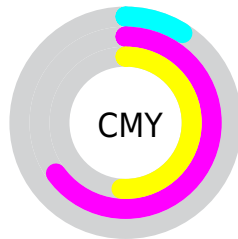
- Red (91%)
- Green (35%)
- Blue (49%)



- Red (91%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (61%)
- Yellow (46%)
- Black (9%)




- Cyan (9%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9745, 0.4559, 0.2909 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 25.9745, 0.4559, 0.2909 by changing the saturation by 10% instead.


 25.9745, 0.4559,
0.2909


 25.9745, 0.4559,
0.2909


282.6569, 0.3773,
0.3135


 16.8046, 0.4778,
0.2839


 53.2338, 0.4257,
0.3001


 10.0952, 0.5072,
0.2742


 72.0920, 0.4148,
0.3032

 5.4622, 0.5484,
0.2596

 94.9483, 0.4058,
0.3057

 2.5209, 0.6093,
0.2363

 122.1873, 0.3983,
0.3078

 0.8871, 0.7251,
0.2013

154.1932, 0.3919,
0.3096

 0.0000, 1.0000,
0.0000

191.3505, 0.3863,

 0.0000, 0.0000,

0.3111

0.0000

234.0436, 0.3815,
0.3124

■ 25.9745, 0.4559,
0.2909

■ 25.9745, 0.4559,
0.2909

■ 22.2457, 0.4942,
0.2891

■ 31.0046, 0.4210,
0.2954

■ 19.6919, 0.5333,
0.2911

■ 37.4383, 0.3909,
0.3014


■ 18.1689, 0.5691,
0.2973

■ 45.3724, 0.3656,
0.3082

■ 17.4743, 0.5953,
0.3053

■ 54.8942, 0.3448,
0.3152

■ 66.0839, 0.3279,
0.3219

 79.0164, 0.3142,
0.3283

 93.7623, 0.3031,
0.3341

 95.9002, 0.2988,
0.3290

Harmonies

Analogous

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



25.9745, 0.3598, 0.2354



25.9745, 0.4559, 0.2909



25.9745, 0.5048, 0.3559

Triad

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



25.9745, 0.4559, 0.2909



25.9745, 0.3376, 0.5136



25.9745, 0.1566, 0.2020

Complementary

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



25.9745, 0.4559, 0.2909



63.8863, 0.2544, 0.3775

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.



25.9745, 0.1523, 0.2544



25.9745, 0.4559, 0.2909



25.9745, 0.2485, 0.4596

Square

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



25.9745, 0.4559, 0.2909



25.9745, 0.4251, 0.4882



25.9745, 0.1821, 0.3494



25.9745, 0.1924, 0.1859

Rectangle

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



25.9745, 0.4559, 0.2909



25.9745, 0.5007, 0.4017



25.9745, 0.1821, 0.3494



25.9745, 0.1516, 0.2149

Sweetspot

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



25.9759, 0.4559, 0.2909



72.1167, 0.3391, 0.3173



24.6258, 0.2811, 0.1709



14.6121, 0.3444, 0.3153



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.



25.9759, 0.4559, 0.2909



26.7601, 0.5027, 0.2892



32.0951, 0.4801, 0.3649



14.4277, 0.3253, 0.3231



9.7158, 0.5913, 0.3031



0.7327, 0.5498, 0.2803

Inverse Universe

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



25.9759, 0.4559, 0.2909



26.7601, 0.5027, 0.2892



48.7932, 0.2282, 0.2842



14.4277, 0.3253, 0.3231



9.7158, 0.5913, 0.3031



0.7327, 0.5498, 0.2803

Previews

White Background



This preview shows how the Yxy color 25.9745, 0.4559, 0.2909 looks on a white background.

Color Contrast Check

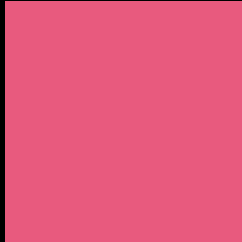
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9745, 0.4559, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

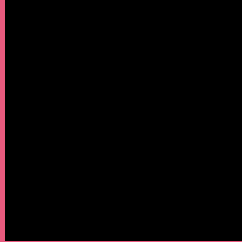
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9745, 0.4559, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 25.9745, 0.4559, 0.2909.

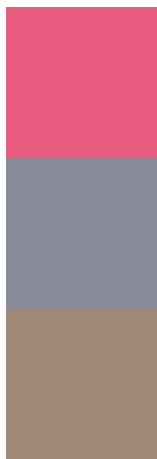


This preview shows how white text looks on a background with the Yxy color 25.9745, 0.4559, 0.2909.

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

25.9745, 0.4559, 0.2909

Protanopia

26.1684, 0.2979, 0.3061

Deuteranopia

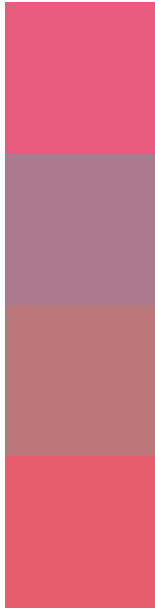
26.2369, 0.3605, 0.3544



Tritanopia

25.9470, 0.4867, 0.3232

Trichromacy



Original Color

25.9745, 0.4559, 0.2909

Protanomaly

24.4286, 0.3495, 0.2964

Deuteranomaly

25.1636, 0.3953, 0.3250

Tritanomaly

25.9434, 0.4764, 0.3115

Monochromacy



Original Color

25.9745, 0.4559, 0.2909

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8971, 0.3623, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9745, 0.4559, 0.2909 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(232, 90, 126)` looks like.

```
.text, #text, p{  
    color:rgb(232, 90, 126)  
}
```

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(232, 90, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 90, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.9745, 0.4559, 0.2909 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(232, 90, 126) }
```

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

```
.border{ border-color:rgb(232, 90, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 90, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 90, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 90, 126);  
box-shadow:4px 4px 4px 4px rgb(232, 90,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9745, 0.4559, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 90, 126) }
```

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

```
.background{ background-color: rgb(232, 90,  
126) }
```

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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