

Converting Colors

$Y_{xy}(26.6963, 0.4620, 0.3026)$

Have a look what the booklet for
Yxy(26.6963, 0.4620, 0.3026)
contains.

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Color

Yxy(26.6963, 0.4620, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	E85F78
RGB	232, 95, 120
RGB Percent	91%, 37%, 47%
CMY	0.0902, 0.6274, 0.5295
CMYK	0.00, 0.59, 0.48, 0.09
HSL	349°, 75%, 64%
HSV	349°, 59%, 91%
XYZ	40.7591, 26.6963, 20.7677
YIQ	138.8130, 73.6270, 36.8190

Conversions

Conversions Part 2

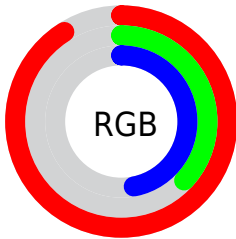
Format	Color
R_{YB}	232, 95, 120
Decimal	15228792
CIE _{Lab}	58.69, 55.10, 13.65
CIE _{LCh}	59, 56.767, 13.917
Yxy	26.6963, 0.4620, 0.3026
Android (android.graphics.Color)	4293418872 (0xFFE85F78)
YUV	138.8130, -9.2748, 81.7250
Hunter-Lab	51.6685, 50.3913, 12.3368

Details

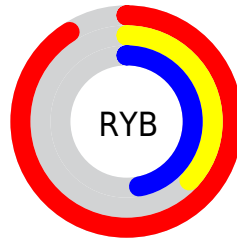
The Yxy color **26.6963, 0.4620, 0.3026** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **64.6507, 0.2510, 0.3619**, and the grayscale version is **25.7598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0513, 0.3962, 0.3061**, and **10.4489, 0.5139, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **22.7057, 0.5035, 0.3014**, and if you desaturate by 10%, it is **32.0252, 0.4244, 0.3058**.

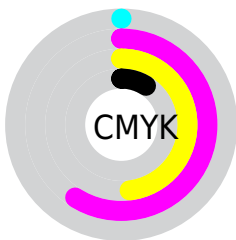
Distribution



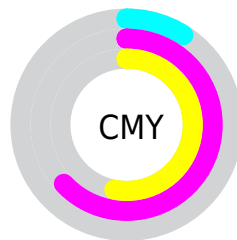
- Red (91%)
- Green (37%)
- Blue (47%)



- Red (91%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (48%)
- Black (9%)




- Cyan (9%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6963, 0.4620, 0.3026 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 26.6963, 0.4620, 0.3026 by changing the saturation by 10% instead.


 26.6963, 0.4620,
0.3026


 26.6963, 0.4620,
0.3026


286.1836, 0.3802,
0.3196

 17.3453, 0.4847,
0.2969


 54.3961, 0.4306,
0.3098


 10.4810, 0.5150,
0.2885


 73.5137, 0.4193,
0.3122

 5.7190, 0.5572,
0.2756

 96.6556, 0.4099,
0.3141

 2.6750, 0.6188,
0.2540

 124.2063, 0.4021,
0.3157

 0.9645, 0.7519,
0.2263

156.5500, 0.3954,
0.3169

 0.0000, 1.0000,
0.0000

194.0712, 0.3896,

 0.0000, 0.0000,

0.3180


0.0000

237.1543, 0.3846,
0.3189


 26.6963, 0.4620,
0.3026

 26.6963, 0.4620,
0.3026

 22.7057, 0.5035,
0.3014


 32.0252, 0.4244,
0.3058


 19.9294, 0.5457,
0.3031


 38.7931, 0.3921,
0.3102

 18.2278, 0.5836,
0.3081

 47.0962, 0.3653,
0.3152

 17.3857, 0.6125,
0.3155

 57.0211, 0.3434,
0.3201

 17.3242, 0.6149,
0.3161

 68.6477, 0.3257,
0.3249

■ 82.0510, 0.3115,
0.3294

■ 95.7528, 0.3000,
0.3312

■ 95.8950, 0.2987,
0.3290

Harmonies

Analogous

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



26.6963, 0.3745, 0.2464



26.6963, 0.4620, 0.3026



26.6963, 0.4993, 0.3670

Triad

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



26.6963, 0.4620, 0.3026



26.6963, 0.3231, 0.5028



26.6963, 0.1649, 0.2017

Complementary

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



26.6963, 0.4620, 0.3026



64.6507, 0.2510, 0.3619

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.



26.6963, 0.1559, 0.2465



26.6963, 0.4620, 0.3026



26.6963, 0.2387, 0.4384

Square

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



26.6963, 0.4620, 0.3026



26.6963, 0.4094, 0.4906



26.6963, 0.1795, 0.3317



26.6963, 0.2052, 0.1906

Rectangle

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



26.6963, 0.4620, 0.3026



26.6963, 0.4895, 0.4117



26.6963, 0.1795, 0.3317



26.6963, 0.1585, 0.2124

Sweetspot

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



26.6977, 0.4620, 0.3026



71.9440, 0.3416, 0.3206



27.2615, 0.2940, 0.1807



14.5706, 0.3474, 0.3192



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.



26.6977, 0.4620, 0.3026



27.2113, 0.5134, 0.3015



36.2712, 0.4622, 0.3769



14.4107, 0.3264, 0.3247



9.6314, 0.6115, 0.3142



0.7242, 0.5728, 0.2929

Inverse Universe

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



26.6977, 0.4620, 0.3026



27.2113, 0.5134, 0.3015



44.4908, 0.2269, 0.2699



14.4107, 0.3264, 0.3247



9.6314, 0.6115, 0.3142



0.7242, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 26.6963, 0.4620, 0.3026 looks on a white background.

Color Contrast Check

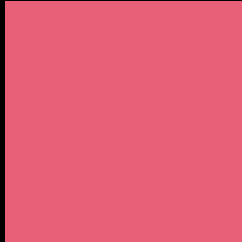
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6963, 0.4620, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

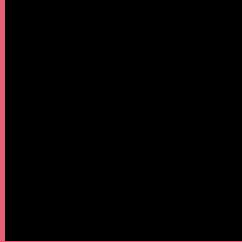
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6963, 0.4620, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 26.6963, 0.4620, 0.3026.



This preview shows how white text looks on a background with the Yxy color 26.6963, 0.4620, 0.3026.

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

26.6963, 0.4620, 0.3026

Protanopia

26.9030, 0.3119, 0.3241

Deuteranopia

26.8226, 0.3705, 0.3633



Tritanopia

26.7238, 0.4815, 0.3231

Trichromacy



Original Color

26.6963, 0.4620, 0.3026

Protanomaly

25.2785, 0.3621, 0.3129

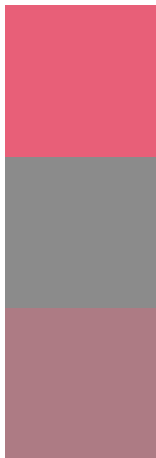
Deuteranomaly

25.7545, 0.4044, 0.3363

Tritanomaly

26.6641, 0.4739, 0.3156

Monochromacy



Original Color

26.6963, 0.4620, 0.3026

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.7161, 0.3638, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6963, 0.4620, 0.3026 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, 95, 120)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 120)  
}
```

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, 95, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.6963, 0.4620, 0.3026 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, 95, 120) }
```

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

```
.border{ border-color:rgb(232, 95, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 95, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 120);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6963, 0.4620, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 120) }
```

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

```
.background{ background-color: rgb(232, 95,  
120) }
```

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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