

Converting Colors

$Y_{xy}(26.5457, 0.4293, 0.2744)$

Have a look what the booklet for
Yxy(26.5457, 0.4293, 0.2744)
contains.

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Color

Yxy(26.4303, 0.4294, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	E65C8E
RGB	230, 92, 142
RGB Percent	90%, 36%, 56%
CMY	0.0980, 0.6392, 0.4432
CMYK	0.00, 0.60, 0.38, 0.10
HSL	338°, 73%, 63%
HSV	338°, 60%, 90%
XYZ	41.3449, 26.4303, 28.5101
YIQ	138.9620, 66.1980, 44.8060

Conversions

Conversions Part 2

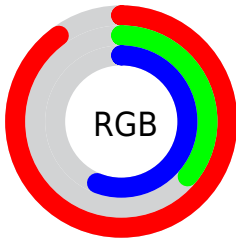
Format	Color
R _Y B	230, 92, 142
Decimal	15096974
CIE Lab	58.44, 57.97, 0.40
CIE LCh	58, 57.973, 0.395
Yxy	26.4303, 0.4294, 0.2745
Android (android.graphics.Color)	4293287054 (0xFFE65C8E)
YUV	138.9620, 1.4977, 79.8403
Hunter-Lab	51.4104, 53.5837, 3.1075

Details

The Yxy color **26.4303, 0.4294, 0.2745** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **62.1711, 0.2623, 0.3981**, and the grayscale version is **25.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4253, 0.3719, 0.2794**, and **10.2987, 0.4702, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **22.6215, 0.4610, 0.2701**, and if you desaturate by 10%, it is **31.5091, 0.4009, 0.2818**.

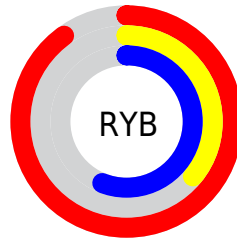
Distribution



Red (90%)

Green (36%)

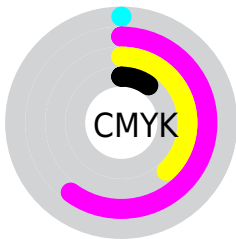
Blue (56%)



Red (90%)

Yellow (36%)

Blue (56%)

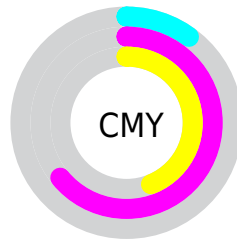


Cyan (0%)

Magenta (60%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (64%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4303, 0.4294, 0.2745 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 26.4303, 0.4294, 0.2745 by changing the saturation by 10% instead.


 26.4303, 0.4294,
0.2745


 26.4303, 0.4294,
0.2745


284.8880, 0.3660,
0.3042

 17.1458, 0.4469,
0.2663


 53.9683, 0.4051,
0.2859


 10.3385, 0.4704,
0.2552


 72.9906, 0.3964,
0.2900

 5.6240, 0.5035,
0.2397

 96.0277, 0.3891,
0.2934

 2.6178, 0.5528,
0.2163

 123.4639, 0.3831,
0.2962

 0.9356, 0.6324,
0.1786

155.6837, 0.3779,
0.2986

 0.0000, 1.0000,
0.0000

193.0713, 0.3734,

 0.0000, 0.0000,

0.3007

0.0000

236.0113, 0.3695,
0.3026

■ 26.4303, 0.4294,
0.2745

■ 26.4303, 0.4294,
0.2745

■ 22.6215, 0.4610,
0.2701

■ 31.5091, 0.4009,
0.2818

■ 19.9630, 0.4944,
0.2698

■ 37.9550, 0.3763,
0.2909


■ 18.3190, 0.5269,
0.2746


■ 45.8605, 0.3556,
0.3006


■ 17.4543, 0.5565,
0.2839

■ 55.3087, 0.3384,
0.3105

■ 66.3764, 0.3243,
0.3200

 79.1352, 0.3127,
0.3290

 93.6525, 0.3033,
0.3373

 95.5648, 0.2976,
0.3290

Harmonies

Analogous

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



26.4303, 0.3298, 0.2240



26.4303, 0.4294, 0.2745



26.4303, 0.4946, 0.3370

Triad

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



26.4303, 0.4294, 0.2745



26.4303, 0.3636, 0.5101



26.4303, 0.1541, 0.2146

Complementary

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



26.4303, 0.4294, 0.2745



62.1711, 0.2623, 0.3981

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.



26.4303, 0.1592, 0.2785



26.4303, 0.4294, 0.2745



26.4303, 0.2737, 0.4808

Square

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



26.4303, 0.4294, 0.2745



26.4303, 0.4453, 0.4703



26.4303, 0.1994, 0.3814



26.4303, 0.1805, 0.1892

Rectangle

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



26.4303, 0.4294, 0.2745



26.4303, 0.5031, 0.3817



26.4303, 0.1994, 0.3814



26.4303, 0.1522, 0.2312

Sweetspot

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



26.4317, 0.4294, 0.2745



72.3860, 0.3355, 0.3123



23.0002, 0.2683, 0.1677



14.6770, 0.3400, 0.3095



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.



26.4317, 0.4294, 0.2745



27.6498, 0.4690, 0.2696



28.8360, 0.4866, 0.3491



14.4539, 0.3236, 0.3205



9.9019, 0.5523, 0.2816



0.7490, 0.5121, 0.2595

Inverse Universe

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



26.4317, 0.4294, 0.2745



27.6498, 0.4690, 0.2696



54.8810, 0.2338, 0.3044



14.4539, 0.3236, 0.3205



9.9019, 0.5523, 0.2816



0.7490, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 26.4303, 0.4294, 0.2745 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 26.4303, 0.4294, 0.2745 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 26.4303, 0.4294, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 26.4303, 0.4294, 0.2745.



This preview shows how white text looks on a background with the Yxy color 26.4303, 0.4294, 0.2745.

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

26.4303, 0.4294, 0.2745

Protanopia

26.7648, 0.2778, 0.2799

Deuteranopia

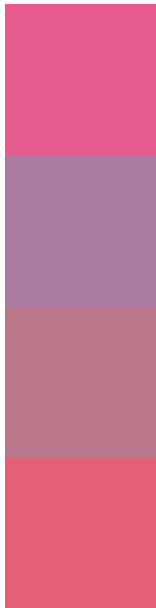
26.5257, 0.3376, 0.3307



Tritanopia

26.2952, 0.4742, 0.3218

Trichromacy



Original Color

26.4303, 0.4294, 0.2745

Protanomaly

25.1390, 0.3257, 0.2748

Deuteranomaly

25.4583, 0.3706, 0.3036

Tritanomaly

26.1916, 0.4587, 0.3041

Monochromacy



Original Color

26.4303, 0.4294, 0.2745

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.5832, 0.3530, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4303, 0.4294, 0.2745 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(230, 92, 142)` looks like.

```
.text, #text, p{  
    color:rgb(230, 92, 142)  
}
```

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(230, 92, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 92, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.4303, 0.4294, 0.2745 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(230, 92, 142) }
```

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

```
.border{ border-color:rgb(230, 92, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 92, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 92, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 92, 142);  
box-shadow:4px 4px 4px 4px rgb(230, 92,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4303, 0.4294, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 92, 142) }
```

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

```
.background{ background-color: rgb(230, 92,  
142) }
```

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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