

Converting Colors

$Y_{xy}(27.0384, 0.4608, 0.2844)$

Have a look what the booklet for
Yxy(27.0384, 0.4608, 0.2844)
contains.

Yxy(26.9950, 0.4596, 0.2839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.9950, 0.4596, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	F15683
RGB	241, 86, 131
RGB Percent	95%, 34%, 51%
CMY	0.0549, 0.6627, 0.4862
CMYK	0.00, 0.64, 0.46, 0.05
HSL	343°, 85%, 64%
HSV	343°, 64%, 95%
XYZ	43.7017, 26.9950, 24.3896
YIQ	137.4750, 77.9350, 46.8550

Conversions

Conversions Part 2

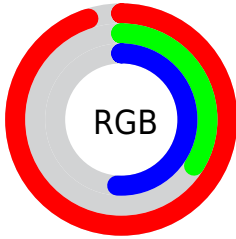
Format	Color
R_{YB}	241, 86, 131
Decimal	15816323
CIE _{Lab}	58.97, 62.77, 7.79
CIE _{LCh}	59, 63.250, 7.079
Yxy	26.9950, 0.4596, 0.2839
Android (android.graphics.Color)	4294006403 (0xFFFF15683)
YUV	137.4750, -3.1922, 90.7914
Hunter-Lab	51.9567, 59.2151, 8.5377

Details

The Yxy color **26.9950, 0.4596, 0.2839** 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 **68.8737, 0.2553, 0.3886**, and the grayscale version is **25.1973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3656, 0.3856, 0.2865**, and **10.6831, 0.5110, 0.2659** is the 20% darker color. If you saturate the color by 10%, you get **23.3489, 0.4966, 0.2826**, and if you desaturate by 10%, it is **32.0173, 0.4254, 0.2885**.

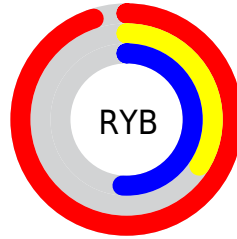
Distribution



Red (95%)

Green (34%)

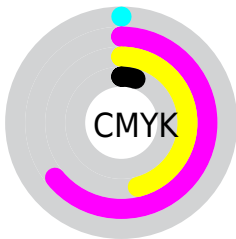
Blue (51%)



Red (95%)

Yellow (34%)

Blue (51%)

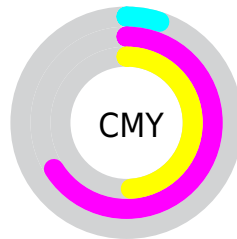


Cyan (0%)

Magenta (64%)

Yellow (46%)

Black (5%)



Cyan (5%)


Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9950, 0.4596, 0.2839 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 26.9950, 0.4596, 0.2839 by changing the saturation by 10% instead.


 26.9950, 0.4596,
0.2839


 26.9950, 0.4596,
0.2839


287.6329, 0.3796,
0.3099


 17.5695, 0.4816,
0.2762


 54.8758, 0.4290,
0.2942

 10.6413, 0.5109,
0.2656


 74.0999, 0.4180,
0.2978

 5.8262, 0.5516,
0.2502

 97.3590, 0.4089,
0.3008

 2.7397, 0.6111,
0.2263

 125.0375, 0.4012,
0.3032

 0.9974, 0.7104,
0.1883

157.5197, 0.3946,
0.3053

 0.0000, 1.0000,
0.0000

195.1901, 0.3889,

 0.0000, 0.0000,

0.3071

0.0000

238.4330, 0.3840,
0.3086

■ 26.9950, 0.4596,
0.2839

■ 26.9950, 0.4596,
0.2839

■ 23.3489, 0.4966,
0.2826

■ 32.0173, 0.4254,
0.2885

■ 20.9344, 0.5336,
0.2856

■ 38.5324, 0.3954,
0.2951


■ 19.5821, 0.5671,
0.2933

■ 46.6493, 0.3701,
0.3027


■ 19.1430, 0.5837,
0.2989

■ 56.4658, 0.3491,
0.3107

■ 68.0716, 0.3319,
0.3185

 81.5502, 0.3179,
0.3259

 96.9798, 0.3065,
0.3329

 97.4408, 0.3041,
0.3290

Harmonies

Analogous

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



26.9950, 0.3552, 0.2273



26.9950, 0.4596, 0.2839



26.9950, 0.5153, 0.3508

Triad

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



26.9950, 0.4596, 0.2839



26.9950, 0.3434, 0.5267



26.9950, 0.1477, 0.1971

Complementary

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



26.9950, 0.4596, 0.2839



68.8737, 0.2553, 0.3886

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.



26.9950, 0.1451, 0.2541



26.9950, 0.4596, 0.2839



26.9950, 0.2492, 0.4760

Square

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



26.9950, 0.4596, 0.2839



26.9950, 0.4348, 0.4922



26.9950, 0.1779, 0.3578



26.9950, 0.1826, 0.1789

Rectangle

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



26.9950, 0.4596, 0.2839



26.9950, 0.5128, 0.3984



26.9950, 0.1779, 0.3578



26.9950, 0.1432, 0.2112

Sweetspot

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



26.9965, 0.4596, 0.2839



70.8683, 0.3396, 0.3148



24.5429, 0.2738, 0.1616



14.3738, 0.3446, 0.3126



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.



26.9965, 0.4596, 0.2839



25.6057, 0.5075, 0.2830



32.0961, 0.4975, 0.3603



15.8344, 0.3248, 0.3222



10.4011, 0.5795, 0.2966



0.8819, 0.5422, 0.2760

Inverse Universe

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



26.9965, 0.4596, 0.2839



25.6057, 0.5075, 0.2830



54.4231, 0.2267, 0.2885



15.8344, 0.3248, 0.3222



10.4011, 0.5795, 0.2966



0.8819, 0.5422, 0.2760

Previews

White Background



This preview shows how the Yxy color 26.9950, 0.4596, 0.2839 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 26.9950, 0.4596, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

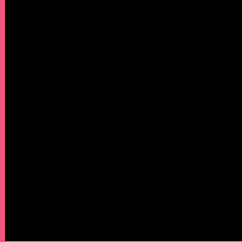
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9950, 0.4596, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 26.9950, 0.4596, 0.2839.



This preview shows how white text looks on a background with the Yxy color 26.9950, 0.4596, 0.2839.

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

26.9950, 0.4596, 0.2839

Protanopia

27.1474, 0.2906, 0.2955

Deuteranopia

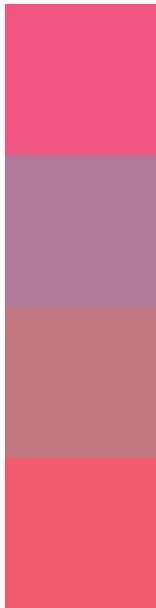
27.1331, 0.3565, 0.3493



Tritanopia

27.0613, 0.5004, 0.3246

Trichromacy



Original Color

26.9950, 0.4596, 0.2839

Protanomaly

25.1392, 0.3446, 0.2857

Deuteranomaly

25.5655, 0.3940, 0.3168

Tritanomaly

26.9634, 0.4869, 0.3096

Monochromacy



Original Color

26.9950, 0.4596, 0.2839

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8201, 0.3641, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9950, 0.4596, 0.2839 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(241, 86, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 86, 131)  
}
```

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(241, 86, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 86, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.9950, 0.4596, 0.2839 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(241, 86, 131) }
```

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

```
.border{ border-color:rgb(241, 86, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 86, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 86, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 86, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 86,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9950, 0.4596, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 86, 131) }
```

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

```
.background{ background-color: rgb(241, 86,  
131) }
```

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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