

Converting Colors

$Y_{xy}(26.9732, 0.3813, 0.2621)$

Have a look what the booklet for
Yxy(26.9732, 0.3813, 0.2621)
contains.

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Color

Yxy(26.9725, 0.3806, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	D669A1
RGB	214, 105, 161
RGB Percent	84%, 41%, 63%
CMY	0.1608, 0.5882, 0.3688
CMYK	0.00, 0.51, 0.25, 0.16
HSL	329°, 57%, 63%
HSV	329°, 51%, 84%
XYZ	39.2121, 26.9725, 36.8425
YIQ	143.9750, 46.9880, 40.5240

Conversions

Conversions Part 2

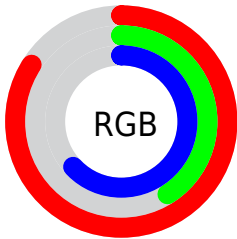
Format	Color
R _Y B	214, 105, 161
Decimal	14051745
CIE Lab	58.95, 49.16, -10.14
CIE LCh	59, 50.198, 348.341
Yxy	26.9725, 0.3806, 0.2618
Android (android.graphics.Color)	4292241825 (0xFFD669A1)
YUV	143.9750, 8.3933, 61.4119
Hunter-Lab	51.9351, 43.8851, -5.7055

Details

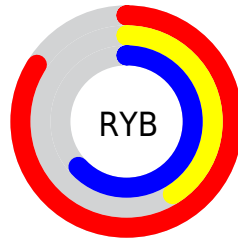
The Yxy color **26.9725, 0.3806, 0.2618** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.5637, 0.2764, 0.4107**, and the grayscale version is **27.8321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0141, 0.3505, 0.2708**, and **10.6399, 0.4050, 0.2414** is the 20% darker color. If you saturate the color by 10%, you get **22.7965, 0.4012, 0.2511**, and if you desaturate by 10%, it is **32.2784, 0.3625, 0.2745**.

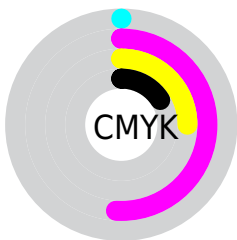
Distribution



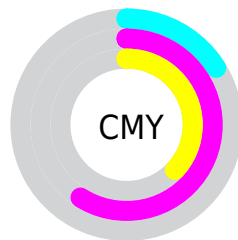
- Red (84%)
- Green (41%)
- Blue (63%)



- Red (84%)
- Yellow (41%)
- Blue (63%)



- Cyan (0%)
- Magenta (51%)
- Yellow (25%)
- Black (16%)




- Cyan (16%)
- Magenta (59%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9725, 0.3806, 0.2618 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 26.9725, 0.3806, 0.2618 by changing the saturation by 10% instead.


 26.9725, 0.3806,
0.2618


 26.9725, 0.3806,
0.2618


287.5239, 0.3446,
0.2966


 17.5526, 0.3903,
0.2527


 54.8397, 0.3670,
0.2747


 10.6292, 0.4032,
0.2409


 74.0558, 0.3620,
0.2795

 5.8181, 0.4211,
0.2248


 97.3061, 0.3579,
0.2835

 2.7348, 0.4476,
0.2018

 124.9749, 0.3544,
0.2869

 0.9949, 0.4905,
0.1668

157.4468, 0.3514,
0.2899

 0.0000, 0.6568,
0.0000


195.1059, 0.3488,

 0.0000, 1.0000,

0.2924


0.0000


238.3369, 0.3466,
0.2947

 0.0000, 0.0000,
0.0000


 26.9725, 0.3806,
0.2618


 26.9725, 0.3806,
0.2618


 22.7965, 0.4012,
0.2511


 32.2784, 0.3625,
0.2745

 19.6618, 0.4237,
0.2436


 38.7860, 0.3469,
0.2880


 17.4729, 0.4475,
0.2404


 46.5660, 0.3337,
0.3017

 16.1147, 0.4713,
0.2425


 55.6823, 0.3226,
0.3151


 15.4179, 0.4922,
0.2485

 66.1945, 0.3135,
0.3279

 78.1586, 0.3059,
0.3398

 91.6275, 0.2996,
0.3508

 92.3629, 0.2940,
0.3400

 93.0144, 0.2885,
0.3293

Harmonies

Analogous

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



26.9725, 0.2943, 0.2227



26.9725, 0.3806, 0.2618



26.9725, 0.4527, 0.3152

Triad

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



26.9725, 0.3806, 0.2618



26.9725, 0.3910, 0.4781



26.9725, 0.1703, 0.2485

Complementary

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



26.9725, 0.3806, 0.2618



53.5637, 0.2764, 0.4107

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.



26.9725, 0.1883, 0.3197



26.9725, 0.3806, 0.2618



26.9725, 0.3124, 0.4760

Square

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



26.9725, 0.3806, 0.2618



26.9725, 0.4531, 0.4344



26.9725, 0.2382, 0.4113



26.9725, 0.1827, 0.2115

Rectangle

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



26.9725, 0.3806, 0.2618



26.9725, 0.4762, 0.3548



26.9725, 0.2382, 0.4113



26.9725, 0.1728, 0.2685

Sweetspot

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



26.9738, 0.3806, 0.2618



76.8357, 0.3271, 0.3095



22.1990, 0.2609, 0.1855



15.8310, 0.3294, 0.3067



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.



26.9738, 0.3806, 0.2618



33.5365, 0.4027, 0.2505



25.4598, 0.4554, 0.3273



12.5262, 0.3212, 0.3171



9.3410, 0.4891, 0.2468



0.5801, 0.4522, 0.2265

Inverse Universe

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



26.9738, 0.3806, 0.2618



33.5365, 0.4027, 0.2505



55.8560, 0.2478, 0.3313



12.5262, 0.3212, 0.3171



9.3410, 0.4891, 0.2468



0.5801, 0.4522, 0.2265

Previews

White Background



This preview shows how the Yxy color 26.9725, 0.3806, 0.2618 looks on a white background.

Color Contrast Check

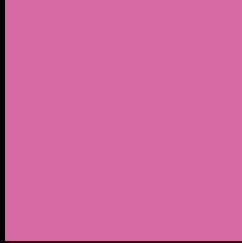
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9725, 0.3806, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

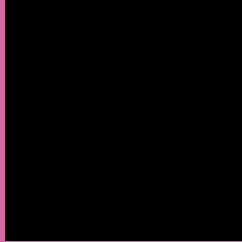
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9725, 0.3806, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 26.9725, 0.3806, 0.2618.



This preview shows how white text looks on a background with the Yxy color 26.9725, 0.3806, 0.2618.

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

26.9725, 0.3806, 0.2618

Protanopia

27.3778, 0.2639, 0.2614

Deuteranopia

27.0275, 0.3086, 0.3024



Tritanopia

26.8924, 0.4267, 0.3193

Trichromacy



Original Color

26.9725, 0.3806, 0.2618

Protanomaly

26.1500, 0.2997, 0.2591

Deuteranomaly

26.2403, 0.3333, 0.2841

Tritanomaly

26.7783, 0.4090, 0.2969

Monochromacy



Original Color

26.9725, 0.3806, 0.2618

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.6023, 0.3359, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9725, 0.3806, 0.2618 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(214, 105, 161)` looks like.

```
.text, #text, p{  
    color:rgb(214, 105, 161)  
}
```

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(214, 105, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 105, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.9725, 0.3806, 0.2618 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(214, 105, 161) }
```

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

```
.border{ border-color:rgb(214, 105, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 105, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 105, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 105, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 105,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9725, 0.3806, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 105, 161) }
```

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

```
.background{ background-color: rgb(214,  
105, 161) }
```

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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