

Converting Colors

$Y_{xy}(26.6824, 0.3573, 0.2441)$

Have a look what the booklet for
Yxy(26.6824, 0.3573, 0.2441)
contains.

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Color

Yxy(26.7536, 0.3569, 0.2443)

Conversions

Conversions Part 1

Format	Color
Hex	D169AF
RGB	209, 105, 175
RGB Percent	82%, 41%, 69%
CMY	0.1804, 0.5882, 0.3136
CMYK	0.00, 0.50, 0.16, 0.18
HSL	320°, 53%, 62%
HSV	320°, 50%, 82%
XYZ	39.0846, 26.7536, 43.6731
YIQ	144.0760, 39.5140, 43.8180

Conversions

Conversions Part 2

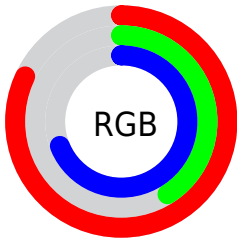
Format	Color
R _Y B	209, 105, 175
Decimal	13724079
CIE Lab	58.75, 49.63, -18.62
CIE LCh	59, 53.014, 339.432
Yxy	26.7536, 0.3569, 0.2443
Android (android.graphics.Color)	4291914159 (0xFFD169AF)
YUV	144.0760, 15.2455, 56.9383
Hunter-Lab	51.7239, 44.3647, -13.8548

Details

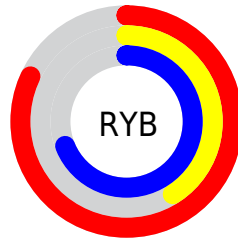
The Yxy color **26.7536, 0.3569, 0.2443** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.4656, 0.2866, 0.4345**, and the grayscale version is **27.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8258, 0.3371, 0.2567**, and **10.4482, 0.3708, 0.2195** is the 20% darker color. If you saturate the color by 10%, you get **22.7461, 0.3696, 0.2300**, and if you desaturate by 10%, it is **31.8232, 0.3454, 0.2607**.

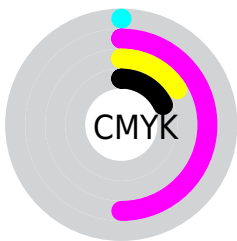
Distribution



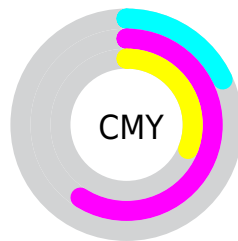
- Red (82%)
- Green (41%)
- Blue (69%)



- Red (82%)
- Yellow (41%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (18%)




- Cyan (18%)
- Magenta (59%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7536, 0.3569, 0.2443 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 26.7536, 0.3569, 0.2443 by changing the saturation by 10% instead.


 26.7536, 0.3569,
0.2443


 26.7536, 0.3569,
0.2443


286.4621, 0.3344,
0.2872

 17.3883, 0.3626,
0.2335


 54.4882, 0.3486,
0.2600


 10.5117, 0.3700,
0.2196


 73.6263, 0.3455,
0.2659

 5.7395, 0.3800,
0.2011


 96.7907, 0.3429,
0.2708

 2.6873, 0.3938,
0.1756

 124.3659, 0.3407,
0.2751

 0.9708, 0.4143,
0.1385

156.7362, 0.3388,
0.2787

 0.0000, 0.4867,
0.0000

194.2861, 0.3371,


 0.0000, 1.0000,

0.2819

0.0000


237.3999, 0.3357,
0.2847

 0.0000, 0.0000,
0.0000


 26.7536, 0.3569,
0.2443


 26.7536, 0.3569,
0.2443


 22.7461, 0.3696,
0.2300


 31.8232, 0.3454,
0.2607


 19.7187, 0.3833,
0.2188


 38.0214, 0.3353,
0.2780


 17.5835, 0.3974,
0.2117


 45.4137, 0.3265,
0.2956

 16.2351, 0.4116,
0.2095

 54.0594, 0.3189,
0.3129


 15.4853, 0.4255,
0.2119


 64.0141, 0.3126,
0.3294

 15.4694, 0.4258,
0.2119

 75.3297, 0.3072,
0.3449

 88.0555, 0.3028,
0.3594

 90.7678, 0.2990,
0.3557

 91.1582, 0.2953,
0.3484

Harmonies

Analogous

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



26.7536, 0.2684, 0.2096



26.7536, 0.3569, 0.2443



26.7536, 0.4421, 0.2962

Triad

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



26.7536, 0.3569, 0.2443



26.7536, 0.4162, 0.4753



26.7536, 0.1656, 0.2620

Complementary

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



26.7536, 0.3569, 0.2443



50.4656, 0.2866, 0.4345

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.



26.7536, 0.1938, 0.3469



26.7536, 0.3569, 0.2443



26.7536, 0.3365, 0.4930

Square

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



26.7536, 0.3569, 0.2443



26.7536, 0.4731, 0.4205



26.7536, 0.2549, 0.4431



26.7536, 0.1696, 0.2133

Rectangle

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



26.7536, 0.3569, 0.2443



26.7536, 0.4777, 0.3363



26.7536, 0.2549, 0.4431



26.7536, 0.1713, 0.2866

Sweetspot

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



26.7549, 0.3569, 0.2443



77.1981, 0.3229, 0.3036



20.1052, 0.2459, 0.1829



15.9184, 0.3245, 0.2999



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.



26.7549, 0.3569, 0.2443



35.1714, 0.3708, 0.2288



25.1158, 0.4256, 0.3055



11.9406, 0.3187, 0.3135



9.5573, 0.4239, 0.2109



0.5486, 0.4004, 0.1980

Inverse Universe

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



26.7549, 0.3569, 0.2443



35.1714, 0.3708, 0.2288



52.3168, 0.2579, 0.3559



11.9406, 0.3187, 0.3135



9.5573, 0.4239, 0.2109



0.5486, 0.4004, 0.1980

Previews

White Background



This preview shows how the Yxy color 26.7536, 0.3569, 0.2443 looks on a white background.

Color Contrast Check

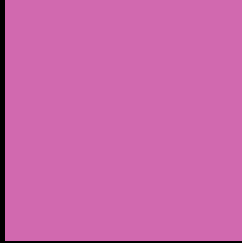
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7536, 0.3569, 0.2443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

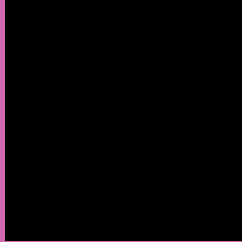
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7536, 0.3569, 0.2443

Background



This preview shows how black text looks on a background with the Yxy color 26.7536, 0.3569, 0.2443.



This preview shows how white text looks on a background with the Yxy color 26.7536, 0.3569, 0.2443.

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

26.7536, 0.3569, 0.2443

Protanopia

27.1842, 0.2458, 0.2378

Deuteranopia

27.0806, 0.2871, 0.2823



Tritanopia

26.7834, 0.4142, 0.3189

Trichromacy



Original Color

26.7536, 0.3569, 0.2443



Protanomaly

25.8545, 0.2778, 0.2360



Deuteranomaly

26.2260, 0.3102, 0.2653



Tritanomaly

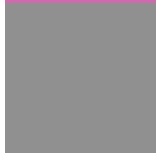
26.6933, 0.3930, 0.2897

Monochromacy



Original Color

26.7536, 0.3569, 0.2443



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.6567, 0.3292, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7536, 0.3569, 0.2443 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(209, 105, 175)` looks like.

```
.text, #text, p{  
    color:rgb(209, 105, 175)  
}
```

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(209, 105, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 105, 175) }
```

Border

The CSS property to change the border of an element to Yxy 26.7536, 0.3569, 0.2443 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(209, 105, 175) }
```

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

```
.border{ border-color:rgb(209, 105, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 105, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 105, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 105, 175);  
box-shadow:4px 4px 4px 4px rgb(209, 105,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7536, 0.3569, 0.2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 105, 175) }
```

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

```
.background{ background-color: rgb(209,  
105, 175) }
```

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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