

Converting Colors

$Y_{xy}(30.4907, 0.3720, 0.2680)$

Have a look what the booklet for
Yxy(30.4907, 0.3720, 0.2680)
contains.

Yxy(30.4926, 0.3719, 0.2672)	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(30.4926, 0.3719, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	DA75A9
RGB	218, 117, 169
RGB Percent	85%, 46%, 66%
CMY	0.1450, 0.5412, 0.3372
CMYK	0.00, 0.46, 0.22, 0.15
HSL	329°, 58%, 66%
HSV	329°, 46%, 85%
XYZ	42.4409, 30.4926, 41.1856
YIQ	153.1270, 43.5040, 37.5840

Conversions

Conversions Part 2

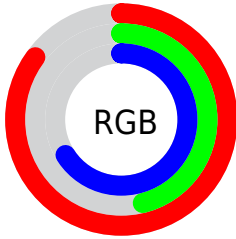
Format	Color
R _{YB}	218, 117, 169
Decimal	14316969
CIE _{Lab}	62.08, 45.63, -10.03
CIE _{LCh}	62, 46.716, 347.607
Yxy	30.4926, 0.3719, 0.2672
Android (android.graphics.Color)	4292507049 (0xFFDA75A9)
YUV	153.1270, 7.8254, 56.8936
Hunter-Lab	55.2201, 40.5557, -5.5670

Details

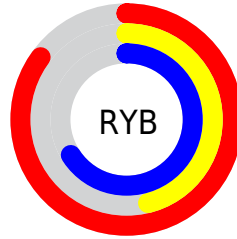
The Yxy color **30.4926, 0.3719, 0.2672** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.6887, 0.2788, 0.4022**, and the grayscale version is **31.8647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7676, 0.3417, 0.2752**, and **12.5282, 0.3911, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **25.6106, 0.3913, 0.2554**, and if you desaturate by 10%, it is **36.5926, 0.3550, 0.2804**.

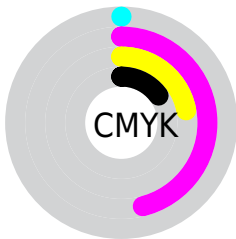
Distribution



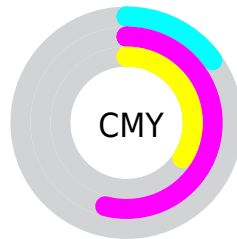
- Red (85%)
- Green (46%)
- Blue (66%)



- Red (85%)
- Yellow (46%)
- Blue (66%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (15%)





- Cyan (15%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4926, 0.3719, 0.2672 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 30.4926, 0.3719, 0.2672 by changing the saturation by 10% instead.

 30.4926, 0.3719,
0.2672


 30.4926, 0.3719,
0.2672


304.1939, 0.3410,
0.2987


 20.2128, 0.3800,
0.2592


 60.4403, 0.3604,
0.2788

 12.5498, 0.3907,
0.2487


 80.8770, 0.3562,
0.2831

 7.1193, 0.4053,
0.2347


 105.4682, 0.3526,
0.2867

 3.5368, 0.4265,
0.2150

134.5981, 0.3496,
0.2898

 1.4180, 0.4599,
0.1853

168.6512, 0.3470,
0.2925

 0.2299, 0.5483,
0.0879

208.0120, 0.3448,


 0.0000, 1.0000,


0.2949


0.0000


253.0647, 0.3428,
0.2969


 0.0000, 0.0000,
0.0000


 30.4926, 0.3719,
0.2672


 30.4926, 0.3719,
0.2672


 25.6106, 0.3913,
0.2554


 36.5926, 0.3550,
0.2804


 21.8581, 0.4130,
0.2463

 43.9822, 0.3405,
0.2942


 19.1417, 0.4363,
0.2410

 52.7327, 0.3283,
0.3079

 17.3505, 0.4602,
0.2406


 62.9088, 0.3182,
0.3210

 16.3455, 0.4835,
0.2457

 74.5711, 0.3098,
0.3335

 16.0838, 0.4919,
0.2483

 87.7766, 0.3029,
0.3450

 92.9028, 0.2970,
0.3412

 93.5607, 0.2913,
0.3303

 93.6487, 0.2906,
0.3289

Harmonies

Analogous

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



30.4926, 0.2949, 0.2315



30.4926, 0.3719, 0.2672



30.4926, 0.4366, 0.3164

Triad

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



30.4926, 0.3719, 0.2672



30.4926, 0.3865, 0.4625



30.4926, 0.1831, 0.2586

Complementary

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



30.4926, 0.3719, 0.2672



56.6887, 0.2788, 0.4022

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.



30.4926, 0.2010, 0.3236



30.4926, 0.3719, 0.2672



30.4926, 0.3157, 0.4594

Square

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



30.4926, 0.3719, 0.2672



30.4926, 0.4412, 0.4251



30.4926, 0.2478, 0.4037



30.4926, 0.1937, 0.2231

Rectangle

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



30.4926, 0.3719, 0.2672



30.4926, 0.4588, 0.3530



30.4926, 0.2478, 0.4037



30.4926, 0.1858, 0.2772

Sweetspot

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



30.4941, 0.3719, 0.2672



78.2339, 0.3259, 0.3108



25.8717, 0.2668, 0.1989



16.1065, 0.3283, 0.3079



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.



30.4941, 0.3719, 0.2672



36.4255, 0.3917, 0.2553



28.9536, 0.4363, 0.3273



13.1629, 0.3212, 0.3170



9.6557, 0.4887, 0.2466



0.6429, 0.4540, 0.2274

Inverse Universe

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



30.4941, 0.3719, 0.2672



36.4255, 0.3917, 0.2553



58.9105, 0.2520, 0.3310



13.1629, 0.3212, 0.3170



9.6557, 0.4887, 0.2466



0.6429, 0.4540, 0.2274

Previews

White Background



This preview shows how the Yxy color 30.4926, 0.3719, 0.2672 looks on a white background.

Color Contrast Check

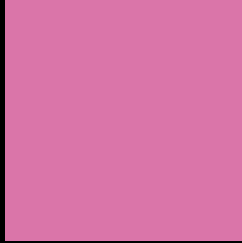
Large Text (above 18pt) WCAG AA × Fail

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 30.4926, 0.3719, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

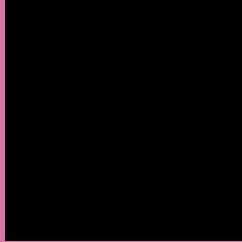
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4926, 0.3719, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 30.4926, 0.3719, 0.2672.



This preview shows how white text looks on a background with the Yxy color 30.4926, 0.3719, 0.2672.

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

30.4926, 0.3719, 0.2672

Protanopia

30.7880, 0.2691, 0.2685

Deuteranopia

30.6090, 0.3089, 0.3023



Tritanopia

30.4049, 0.4099, 0.3181

Trichromacy



Original Color

30.4926, 0.3719, 0.2672



Protanomaly

29.5936, 0.3012, 0.2658



Deuteranomaly

29.7844, 0.3299, 0.2859



Tritanomaly

30.1971, 0.3959, 0.2985

Monochromacy



Original Color

30.4926, 0.3719, 0.2672



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.6065, 0.3333, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4926, 0.3719, 0.2672 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(218, 117, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 169)  
}
```

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(218, 117, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 169) }
```

Border

The CSS property to change the border of an element to Yxy 30.4926, 0.3719, 0.2672 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(218, 117, 169) }
```

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

```
.border{ border-color:rgb(218, 117, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 169);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4926, 0.3719, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 169) }
```

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

```
.background{ background-color: rgb(218,  
117, 169) }
```

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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