

Converting Colors

$Y_{xy}(29.0520, 0.3771, 0.2663)$

Have a look what the booklet for
Yxy(29.0520, 0.3771, 0.2663)
contains.

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Color

Yxy(29.0567, 0.3770, 0.2659)

Conversions

Conversions Part 1

Format	Color
Hex	D970A5
RGB	217, 112, 165
RGB Percent	85%, 44%, 65%
CMY	0.1491, 0.5607, 0.3530
CMYK	0.00, 0.48, 0.24, 0.15
HSL	330°, 58%, 65%
HSV	330°, 48%, 85%
XYZ	41.1974, 29.0567, 39.0227
YIQ	149.4370, 45.5670, 38.7430

Conversions

Conversions Part 2

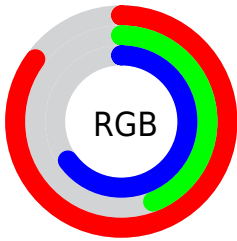
Format	Color
R _Y B	217, 112, 165
Decimal	14250149
CIE Lab	60.83, 47.23, -9.60
CIE LCh	61, 48.190, 348.515
Yxy	29.0567, 0.3770, 0.2659
Android (android.graphics.Color)	4292440229 (0xFFD970A5)
YUV	149.4370, 7.6726, 59.2528
Hunter-Lab	53.9043, 42.0895, -5.1886

Details

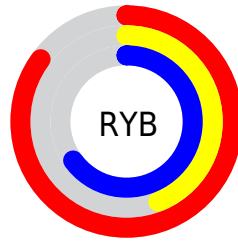
The Yxy color $29.0567, 0.3770, 0.2659$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $55.7489, 0.2771, 0.4045$, and the grayscale version is $30.2026, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6997, 0.3459, 0.2740$, and $11.7938, 0.3989, 0.2471$ is the 20% darker color. If you saturate the color by 10%, you get $24.4570, 0.3974, 0.2548$, and if you desaturate by 10%, it is $34.8459, 0.3591, 0.2787$.

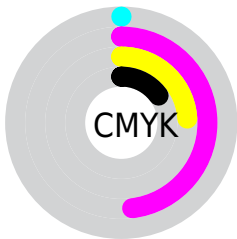
Distribution



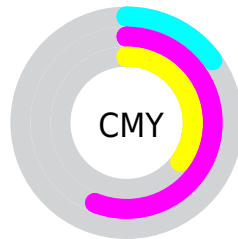
- Red (85%)
- Green (44%)
- Blue (65%)



- Red (85%)
- Yellow (44%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0567, 0.3770, 0.2659 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 29.0567, 0.3770, 0.2659 by changing the saturation by 10% instead.

 29.0567, 0.3770,
0.2659


 29.0567, 0.3770,
0.2659


297.4824, 0.3432,
0.2984


 19.1237, 0.3860,
0.2575


 58.1672, 0.3643,
0.2779


 11.7597, 0.3979,
0.2467


 78.1134, 0.3597,
0.2823

 6.5803, 0.4143,
0.2320


 102.1662, 0.3558,
0.2861

 3.2010, 0.4383,
0.2111

 130.7100, 0.3525,
0.2892

 1.2376, 0.4765,
0.1795

164.1291, 0.3497,
0.2920

 0.0921, 0.6022,
0.0424

202.8079, 0.3472,

 0.0000, 1.0000,

0.2944

0.0000

247.1309, 0.3451,
0.2965

 0.0000, 0.0000,
0.0000

 29.0567, 0.3770,
0.2659


 29.0567, 0.3770,
0.2659


 24.4570, 0.3974,
0.2548


 34.8459, 0.3591,
0.2787


 20.9574, 0.4201,
0.2465


 41.8970, 0.3439,
0.2921

 18.4627, 0.4443,
0.2424


 50.2816, 0.3310,
0.3056

 16.8595, 0.4688,
0.2434

 60.0646, 0.3203,
0.3186

 15.9794, 0.4924,
0.2495


 71.3067, 0.3114,
0.3309

 15.8648, 0.4962,
0.2507

 84.0651, 0.3040,
0.3424

 92.5761, 0.2979,
0.3442

 93.2350, 0.2921,
0.3330

 93.4905, 0.2900,
0.3289

Harmonies

Analogous

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



29.0567, 0.2962, 0.2284



29.0567, 0.3770, 0.2659



29.0567, 0.4441, 0.3170

Triad

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



29.0567, 0.3770, 0.2659



29.0567, 0.3871, 0.4693



29.0567, 0.1778, 0.2535

Complementary

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



29.0567, 0.3770, 0.2659



55.7489, 0.2771, 0.4045

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.



29.0567, 0.1951, 0.3205



29.0567, 0.3770, 0.2659



29.0567, 0.3129, 0.4655

Square

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



29.0567, 0.3770, 0.2659



29.0567, 0.4453, 0.4300



29.0567, 0.2427, 0.4052



29.0567, 0.1897, 0.2180

Rectangle

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



29.0567, 0.3770, 0.2659



29.0567, 0.4662, 0.3549



29.0567, 0.2427, 0.4052



29.0567, 0.1802, 0.2724

Sweetspot

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



29.0581, 0.3770, 0.2659



76.8158, 0.3273, 0.3099



24.3619, 0.2642, 0.1929



15.8262, 0.3297, 0.3071



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.



29.0581, 0.3770, 0.2659



35.1619, 0.3978, 0.2547



27.5519, 0.4447, 0.3273



13.1606, 0.3213, 0.3173



9.6259, 0.4931, 0.2490



0.6410, 0.4575, 0.2294

Inverse Universe

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



29.0581, 0.3770, 0.2659



35.1619, 0.3978, 0.2547



57.9862, 0.2501, 0.3311



13.1606, 0.3213, 0.3173



9.6259, 0.4931, 0.2490



0.6410, 0.4575, 0.2294

Previews

White Background



This preview shows how the Yxy color 29.0567, 0.3770, 0.2659 looks on a white background.

Color Contrast Check

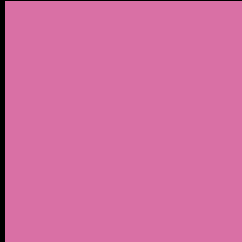
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0567, 0.3770, 0.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

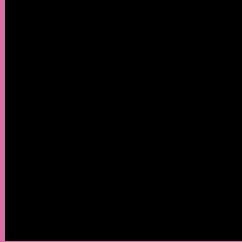
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0567, 0.3770, 0.2659

Background



This preview shows how black text looks on a background with the Yxy color 29.0567, 0.3770, 0.2659.



This preview shows how white text looks on a background with the Yxy color 29.0567, 0.3770, 0.2659.

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

29.0567, 0.3770, 0.2659

Protanopia

29.4640, 0.2684, 0.2674

Deuteranopia

29.2509, 0.3098, 0.3033



Tritanopia

28.8983, 0.4176, 0.3181

Trichromacy



Original Color

29.0567, 0.3770, 0.2659

Protanomaly

28.4119, 0.3021, 0.2650

Deuteranomaly

28.5761, 0.3325, 0.2867

Tritanomaly

28.7100, 0.4032, 0.2985

Monochromacy



Original Color

29.0567, 0.3770, 0.2659

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9735, 0.3350, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0567, 0.3770, 0.2659 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(217, 112, 165)` looks like.

```
.text, #text, p{  
    color:rgb(217, 112, 165)  
}
```

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(217, 112, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 112, 165) }
```

Border

The CSS property to change the border of an element to Yxy 29.0567, 0.3770, 0.2659 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(217, 112, 165) }
```

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

```
.border{ border-color:rgb(217, 112, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 112, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 112, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 112, 165);  
box-shadow:4px 4px 4px 4px rgb(217, 112,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0567, 0.3770, 0.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 112, 165) }
```

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

```
.background{ background-color: rgb(217,  
112, 165) }
```

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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