

Converting Colors

$Y_{xy}(28.6217, 0.3330, 0.2599)$

Have a look what the booklet for
Yxy(28.6217, 0.3330, 0.2599)
contains.

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Color

Yxy(28.7564, 0.3337, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	C07CB0
RGB	192, 124, 176
RGB Percent	75%, 49%, 69%
CMY	0.2471, 0.5137, 0.3098
CMYK	0.00, 0.35, 0.08, 0.25
HSL	314°, 35%, 62%
HSV	314°, 35%, 75%
XYZ	36.7804, 28.7564, 44.6832
YIQ	150.2600, 23.8360, 30.5880

Conversions

Conversions Part 2

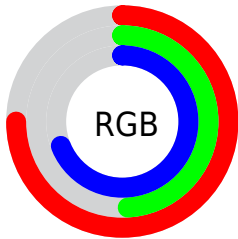
Format	Color
R _Y B	192, 124, 176
Decimal	12614832
CIE Lab	60.57, 34.33, -16.61
CIE LCh	61, 38.142, 334.177
Yxy	28.7564, 0.3337, 0.2609
Android (android.graphics.Color)	4290804912 (0xFFC07CB0)
YUV	150.2600, 12.6898, 36.6060
Hunter-Lab	53.6250, 28.5862, -11.8661

Details

The Yxy color **28.7564, 0.3337, 0.2609** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.8757, 0.2971, 0.4086**, and the grayscale version is **30.5537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8067, 0.3293, 0.2737**, and **11.5135, 0.3398, 0.2404** is the 20% darker color. If you saturate the color by 10%, you get **24.2286, 0.3415, 0.2422**, and if you desaturate by 10%, it is **34.2296, 0.3267, 0.2804**.

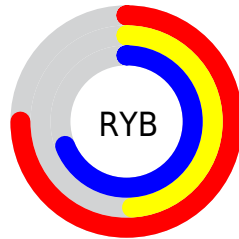
Distribution



Red (75%)

Green (49%)

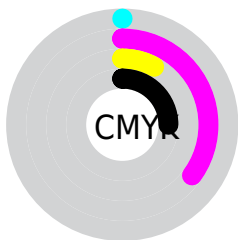
Blue (69%)



Red (75%)

Yellow (49%)

Blue (69%)

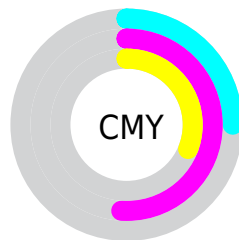


Cyan (0%)

Magenta (35%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7564, 0.3337, 0.2609 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 28.7564, 0.3337, 0.2609 by changing the saturation by 10% instead.


 28.7564, 0.3337,
0.2609


 28.7564, 0.3337,
0.2609


296.0638, 0.3233,
0.2956


 18.8966, 0.3363,
0.2520


 57.6898, 0.3299,
0.2737

 11.5956, 0.3395,
0.2406

 77.5323, 0.3285,
0.2784

 6.4690, 0.3437,
0.2252


 101.4710, 0.3273,
0.2824

 3.1323, 0.3494,
0.2035

129.8906, 0.3263,
0.2858

 1.2012, 0.3573,
0.1712

163.1752, 0.3254,
0.2888

 0.0627, 0.4056,
0.0283

201.7094, 0.3246,

 0.0000, 0.0000,

0.2914

0.0000

245.8774, 0.3239,
0.2936

■ 28.7564, 0.3337,
0.2609

■ 28.7564, 0.3337,
0.2609

■ 24.2286, 0.3415,
0.2422

■ 34.2296, 0.3267,
0.2804

■ 20.5877, 0.3501,
0.2252

■ 40.6944, 0.3206,
0.3000

■ 17.7746, 0.3592,
0.2109


■ 48.1990, 0.3153,
0.3190

■ 15.7216, 0.3686,
0.2003

■ 56.7870, 0.3107,
0.3372


■ 14.3500, 0.3780,
0.1942


■ 66.4996, 0.3069,
0.3543


 13.5632, 0.3872,
0.1927

 77.3758, 0.3036,
0.3702

 13.3062, 0.3913,
0.1929

 87.2610, 0.3009,
0.3815

 87.4861, 0.2985,
0.3763

 87.7175, 0.2961,
0.3711

Harmonies

Analogous

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



28.7564, 0.2721, 0.2370



28.7564, 0.3337, 0.2609



28.7564, 0.3948, 0.2994

Triad

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



28.7564, 0.3337, 0.2609



28.7564, 0.3995, 0.4311



28.7564, 0.2060, 0.2930

Complementary

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



28.7564, 0.3337, 0.2609



43.8757, 0.2971, 0.4086

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.



28.7564, 0.2336, 0.3550



28.7564, 0.3337, 0.2609



28.7564, 0.3443, 0.4431

Square

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



28.7564, 0.3337, 0.2609



28.7564, 0.4332, 0.3933



28.7564, 0.2836, 0.4148



28.7564, 0.2039, 0.2505

Rectangle

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



28.7564, 0.3337, 0.2609



28.7564, 0.4237, 0.3300



28.7564, 0.2836, 0.4148



28.7564, 0.2124, 0.3122

Sweetspot

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



28.7577, 0.3337, 0.2609



79.2638, 0.3182, 0.3081



23.7876, 0.2638, 0.2280



16.6146, 0.3190, 0.3055



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7577, 0.3337, 0.2609



45.9858, 0.3393, 0.2472



27.5805, 0.3735, 0.3044



10.2057, 0.3173, 0.3116



8.9669, 0.3902, 0.1923



0.3975, 0.3717, 0.1822

Inverse Universe

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



28.7577, 0.3337, 0.2609



45.9858, 0.3393, 0.2472



45.0327, 0.2747, 0.3556



10.2057, 0.3173, 0.3116



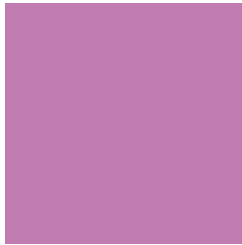
8.9669, 0.3902, 0.1923



0.3975, 0.3717, 0.1822

Previews

White Background



This preview shows how the Yxy color 28.7564, 0.3337, 0.2609 looks on a white background.

Color Contrast Check

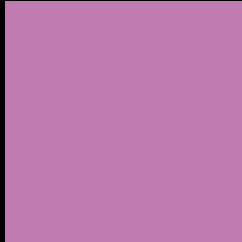
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7564, 0.3337, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

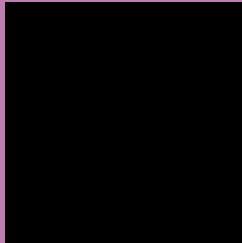
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7564, 0.3337, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 28.7564, 0.3337, 0.2609.



This preview shows how white text looks on a background with the Yxy color 28.7564, 0.3337, 0.2609.

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

28.7564, 0.3337, 0.2609

Protanopia

29.0807, 0.2626, 0.2601

Deuteranopia

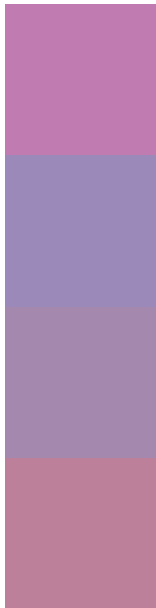
28.9580, 0.2897, 0.2836



Tritanopia

28.8471, 0.3679, 0.3153

Trichromacy



Original Color

28.7564, 0.3337, 0.2609

Protanomaly

28.4051, 0.2847, 0.2582

Deuteranomaly

28.5568, 0.3048, 0.2741

Tritanomaly

28.5903, 0.3546, 0.2935

Monochromacy



Original Color

28.7564, 0.3337, 0.2609

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5523, 0.3203, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7564, 0.3337, 0.2609 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(192, 124, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 124, 176)  
}
```

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(192, 124, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 124, 176) }
```

Border

The CSS property to change the border of an element to Yxy 28.7564, 0.3337, 0.2609 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(192, 124, 176) }
```

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

```
.border{ border-color:rgb(192, 124, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 124, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 124, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 124, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 124,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7564, 0.3337, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 124, 176) }
```

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

```
.background{ background-color: rgb(192,  
124, 176) }
```

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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