

Converting Colors

$Y_{xy}(29.0732, 0.3714, 0.3168)$

Have a look what the booklet for
Yxy(29.0732, 0.3714, 0.3168)
contains.

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Color

Yxy(29.0732, 0.3714, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	BE838C
RGB	190, 131, 140
RGB Percent	75%, 51%, 55%
CMY	0.2549, 0.4862, 0.4511
CMYK	0.00, 0.31, 0.26, 0.25
HSL	351°, 31%, 63%
HSV	351°, 31%, 75%
XYZ	34.0839, 29.0732, 28.6143
YIQ	149.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

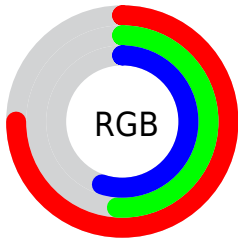
Format	Color
R _Y B	190, 131, 140
Decimal	12485516
CIE Lab	60.85, 23.99, 4.39
CIE LCh	61, 24.392, 10.361
Yxy	29.0732, 0.3714, 0.3168
Android (android.graphics.Color)	4290675596 (0xFFBE838C)
YUV	149.6670, -4.7658, 35.3720
Hunter-Lab	53.9196, 18.4751, 6.2793

Details

The Yxy color **29.0732, 0.3714, 0.3168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9921, 0.2744, 0.3418**, and the grayscale version is **30.3613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9054, 0.3594, 0.3195**, and **11.7739, 0.3918, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **23.9890, 0.3998, 0.3128**, and if you desaturate by 10%, it is **35.1657, 0.3481, 0.3209**.

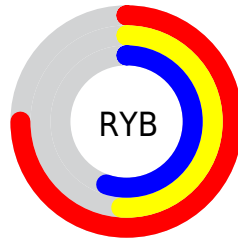
Distribution



Red (75%)

Green (51%)

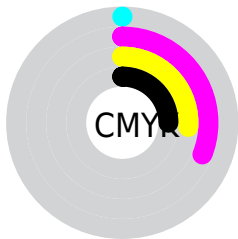
Blue (55%)



Red (75%)

Yellow (51%)

Blue (55%)

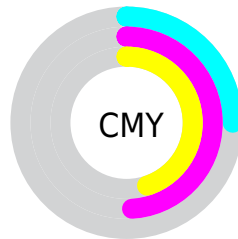


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0732, 0.3714, 0.3168 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 29.0732, 0.3714, 0.3168 by changing the saturation by 10% instead.

 29.0732, 0.3714,
0.3168


 29.0732, 0.3714,
0.3168


297.5602, 0.3396,
0.3238

 19.1362, 0.3803,
0.3147


 58.1934, 0.3592,
0.3196

 11.7687, 0.3922,
0.3118


 78.1453, 0.3548,
0.3205

 6.5864, 0.4093,
0.3075


 102.2044, 0.3512,
0.3213

 3.2048, 0.4356,
0.3005

130.7550, 0.3481,
0.3220

 1.2396, 0.4806,
0.2873

164.1814, 0.3455,
0.3225

 0.0937, 0.8781,
0.1219

202.8682, 0.3433,

 0.0000, 0.0000,

0.3230


0.0000

247.1996, 0.3413,
0.3234


 29.0732, 0.3714,
0.3168

 29.0732, 0.3714,
0.3168


 23.9890, 0.3998,
0.3128


 35.1657, 0.3481,
0.3209

 19.8546, 0.4338,
0.3094

 42.3124, 0.3293,
0.3249

 16.6122, 0.4731,
0.3070


 50.5616, 0.3141,
0.3286


 14.1956, 0.5158,
0.3065


 59.9572, 0.3019,
0.3321

 12.5296, 0.5581,
0.3085

 70.5408, 0.2919,
0.3352

 11.5252, 0.5947,
0.3133

 82.3518, 0.2838,
0.3381

 11.0357, 0.6193,
0.3185

 89.5445, 0.2763,
0.3313

 89.6876, 0.2752,
0.3289

Harmonies

Analogous

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



29.0732, 0.3353, 0.2885



29.0732, 0.3714, 0.3168



29.0732, 0.3910, 0.3492

Triad

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



29.0732, 0.3714, 0.3168



29.0732, 0.3267, 0.3980



29.0732, 0.2422, 0.2747

Complementary

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



29.0732, 0.3714, 0.3168



44.9921, 0.2744, 0.3418

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.



29.0732, 0.2403, 0.3007



29.0732, 0.3714, 0.3168



29.0732, 0.2875, 0.3752

Square

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



29.0732, 0.3714, 0.3168



29.0732, 0.3637, 0.3982



29.0732, 0.2563, 0.3379



29.0732, 0.2614, 0.2644

Rectangle

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



29.0732, 0.3714, 0.3168



29.0732, 0.3914, 0.3699



29.0732, 0.2563, 0.3379



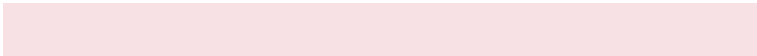
29.0732, 0.2395, 0.2817

Sweetspot

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



29.0746, 0.3714, 0.3168



79.3638, 0.3262, 0.3256



29.6761, 0.3062, 0.2505



16.9689, 0.3286, 0.3250



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.



29.0746, 0.3714, 0.3168



46.4502, 0.3894, 0.3142



34.6144, 0.3739, 0.3561



9.5594, 0.3265, 0.3255



7.3453, 0.6168, 0.3171



0.2953, 0.5596, 0.2856

Inverse Universe

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



29.0746, 0.3714, 0.3168



46.4502, 0.3894, 0.3142



37.4200, 0.2654, 0.3001



9.5594, 0.3265, 0.3255



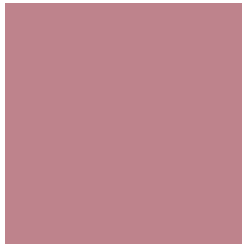
7.3453, 0.6168, 0.3171



0.2953, 0.5596, 0.2856

Previews

White Background



This preview shows how the Yxy color 29.0732, 0.3714, 0.3168 looks on a white background.

Color Contrast Check

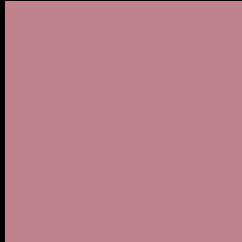
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0732, 0.3714, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

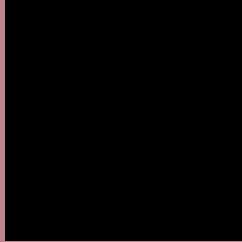
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0732, 0.3714, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 29.0732, 0.3714, 0.3168.



This preview shows how white text looks on a background with the Yxy color 29.0732, 0.3714, 0.3168.

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

29.0732, 0.3714, 0.3168

Protanopia

29.1173, 0.3129, 0.3243

Deuteranopia

29.1803, 0.3420, 0.3352



Tritanopia

29.1028, 0.3702, 0.3154

Trichromacy



Original Color

29.0732, 0.3714, 0.3168

Protanomaly

29.0176, 0.3327, 0.3215

Deuteranomaly

29.0397, 0.3521, 0.3276

Tritanomaly

29.1028, 0.3702, 0.3154

Monochromacy



Original Color

29.0732, 0.3714, 0.3168

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7196, 0.3334, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0732, 0.3714, 0.3168 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(190, 131, 140)` looks like.

```
.text, #text, p{  
    color:rgb(190, 131, 140)  
}
```

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(190, 131, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 131, 140) }
```

Border

The CSS property to change the border of an element to Yxy 29.0732, 0.3714, 0.3168 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(190, 131, 140) }
```

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

```
.border{ border-color:rgb(190, 131, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 131, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 131, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 131, 140);  
box-shadow:4px 4px 4px 4px rgb(190, 131,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0732, 0.3714, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 131, 140) }
```

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

```
.background{ background-color: rgb(190,  
131, 140) }
```

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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