

Converting Colors

$Y_{xy}(29.4093, 0.3536, 0.2899)$

Have a look what the booklet for
Yxy(29.4093, 0.3536, 0.2899)
contains.

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Color

Yxy(29.3756, 0.3531, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	C0819E
RGB	192, 129, 158
RGB Percent	75%, 51%, 62%
CMY	0.2472, 0.4940, 0.3804
CMYK	0.00, 0.33, 0.18, 0.25
HSL	332°, 33%, 63%
HSV	332°, 33%, 75%
XYZ	35.7550, 29.3756, 36.1297
YIQ	151.1430, 28.2390, 22.3750

Conversions

Conversions Part 2

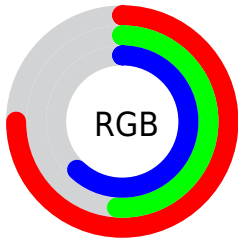
Format	Color
R_{YB}	192, 129, 158
Decimal	12616094
CIE _{Lab}	61.11, 28.56, -5.51
CIE _{LCh}	61, 29.090, 349.079
Yxy	29.3756, 0.3531, 0.2901
Android (android.graphics.Color)	4290806174 (0xFFC0819E)
YUV	151.1430, 3.3805, 35.8316
Hunter-Lab	54.1993, 22.9069, -1.5837

Details

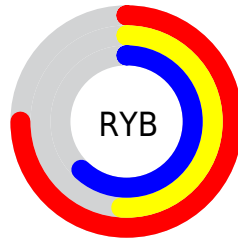
The Yxy color **29.3756, 0.3531, 0.2901** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.0020, 0.2851, 0.3718**, and the grayscale version is **30.9886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8108, 0.3443, 0.2977**, and **11.9719, 0.3656, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **24.4429, 0.3709, 0.2780**, and if you desaturate by 10%, it is **35.2913, 0.3381, 0.3024**.

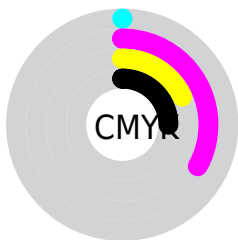
Distribution



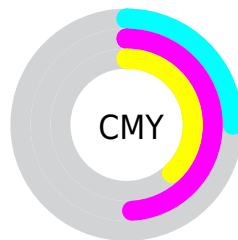
- Red (75%)
- Green (51%)
- Blue (62%)



- Red (75%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (25%)




- Cyan (25%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3756, 0.3531, 0.2901 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 29.3756, 0.3531, 0.2901 by changing the saturation by 10% instead.


 29.3756, 0.3531,
0.2901


 29.3756, 0.3531,
0.2901

298.9830, 0.3316,
0.3105

 19.3651, 0.3589,
0.2847


 58.6733, 0.3450,
0.2977

 11.9344, 0.3667,
0.2775


 78.7294, 0.3420,
0.3005

 6.6990, 0.3775,
0.2676


 102.9027, 0.3396,
0.3029

 3.2746, 0.3938,
0.2531

131.5778, 0.3375,
0.3049

 1.2767, 0.4208,
0.2297

165.1389, 0.3357,
0.3066

 0.1231, 0.5590,
0.0845

203.9706, 0.3342,

 0.0000, 0.0000,

0.3081

0.0000

248.4572, 0.3328,
0.3094

■ 29.3756, 0.3531,
0.2901

■ 29.3756, 0.3531,
0.2901

■ 24.4429, 0.3709,
0.2780

■ 35.2913, 0.3381,
0.3024

■ 20.4350, 0.3916,
0.2670

■ 42.2357, 0.3256,
0.3144

■ 17.2939, 0.4152,
0.2579

■ 50.2567, 0.3153,
0.3259


■ 14.9533, 0.4410,
0.2521


■ 59.3979, 0.3067,
0.3367

■ 13.3371, 0.4681,
0.2508

■ 69.7005, 0.2997,
0.3466

 12.3542, 0.4948,
0.2548

 81.2036, 0.2939,
0.3558

 11.9139, 0.5134,
0.2602

 88.4664, 0.2887,
0.3555

 89.0679, 0.2833,
0.3440

 89.7046, 0.2781,
0.3329

Harmonies

Analogous

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



29.3756, 0.3048, 0.2646



29.3756, 0.3531, 0.2901



29.3756, 0.3919, 0.3249

Triad

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



29.3756, 0.3531, 0.2901



29.3756, 0.3608, 0.4141



29.3756, 0.2262, 0.2841

Complementary

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



29.3756, 0.3531, 0.2901



45.0020, 0.2851, 0.3718

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.



29.3756, 0.2387, 0.3254



29.3756, 0.3531, 0.2901



29.3756, 0.3148, 0.4067

Square

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



29.3756, 0.3531, 0.2901



29.3756, 0.3954, 0.3960



29.3756, 0.2704, 0.3725



29.3756, 0.2344, 0.2593

Rectangle

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



29.3756, 0.3531, 0.2901



29.3756, 0.4055, 0.3502



29.3756, 0.2704, 0.3725



29.3756, 0.2281, 0.2964

Sweetspot

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



29.3770, 0.3531, 0.2901



80.1873, 0.3227, 0.3175



27.2538, 0.2865, 0.2411



16.7796, 0.3242, 0.3159



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.



29.3770, 0.3531, 0.2901



46.9494, 0.3649, 0.2818



29.0527, 0.3867, 0.3321



10.1533, 0.3218, 0.3184



8.0343, 0.5104, 0.2585



0.3610, 0.4574, 0.2293

Inverse Universe

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



29.3770, 0.3531, 0.2901



46.9494, 0.3649, 0.2818



45.2474, 0.2662, 0.3259



10.1533, 0.3218, 0.3184



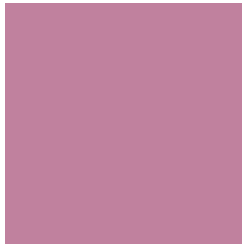
8.0343, 0.5104, 0.2585



0.3610, 0.4574, 0.2293

Previews

White Background



This preview shows how the Yxy color 29.3756, 0.3531, 0.2901 looks on a white background.

Color Contrast Check

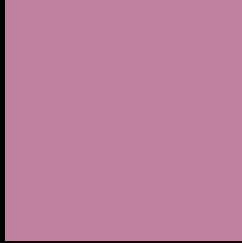
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3756, 0.3531, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

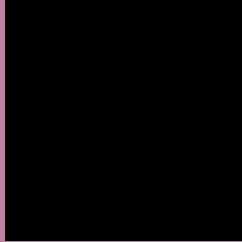
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3756, 0.3531, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 29.3756, 0.3531, 0.2901.



This preview shows how white text looks on a background with the Yxy color 29.3756, 0.3531, 0.2901.

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

29.3756, 0.3531, 0.2901

Protanopia

29.6613, 0.2896, 0.2952

Deuteranopia

29.3824, 0.3178, 0.3109



Tritanopia

29.4027, 0.3687, 0.3154

Trichromacy



Original Color

29.3756, 0.3531, 0.2901

Protanomaly

29.0498, 0.3102, 0.2920

Deuteranomaly

29.2352, 0.3303, 0.3028

Tritanomaly

29.4471, 0.3631, 0.3059

Monochromacy



Original Color

29.3756, 0.3531, 0.2901

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0850, 0.3262, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3756, 0.3531, 0.2901 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, 129, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 158)  
}
```

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, 129, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 158) }
```

Border

The CSS property to change the border of an element to Yxy 29.3756, 0.3531, 0.2901 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, 129, 158) }
```

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

```
.border{ border-color:rgb(192, 129, 158) }
```

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

Here you see how a box with a 4 pixel rgb(192, 129, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 129, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 129, 158);  
box-shadow:4px 4px 4px 4px rgb(192, 129,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3756, 0.3531, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 158) }
```

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

```
.background{ background-color: rgb(192,  
129, 158) }
```

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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