

Converting Colors

$Yxy(29.8048, 0.3034, 0.2709)$

Have a look what the booklet for
Yxy(29.8048, 0.3034, 0.2709)
contains.

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Color

Yxy(29.7565, 0.3041, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	A88AB3
RGB	168, 138, 179
RGB Percent	66%, 54%, 70%
CMY	0.3410, 0.4589, 0.2981
CMYK	0.06, 0.23, 0.00, 0.30
HSL	284°, 21%, 62%
HSV	284°, 23%, 70%
XYZ	33.3786, 29.7565, 46.6269
YIQ	151.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

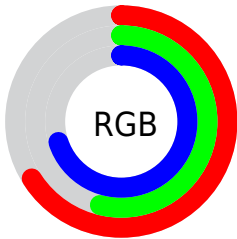
Format	Color
R _Y B	168, 138, 179
Decimal	11045555
CIE Lab	61.44, 18.95, -17.23
CIE LCh	61, 25.611, 317.732
Yxy	29.7565, 0.3041, 0.2711
Android (android.graphics.Color)	4289235635 (0xFFA88AB3)
YUV	151.6440, 13.4865, 14.3442
Hunter-Lab	54.5495, 13.7618, -12.4943

Details

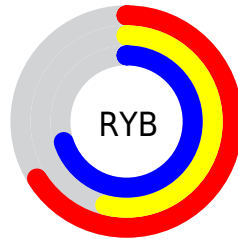
The Yxy color **29.7565, 0.3041, 0.2711** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.4556, 0.3192, 0.3903**, and the grayscale version is **31.1793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3854, 0.3056, 0.2823**, and **12.1988, 0.3013, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **24.5231, 0.2992, 0.2444**, and if you desaturate by 10%, it is **35.8582, 0.3083, 0.2972**.

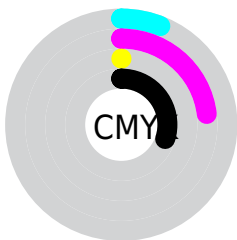
Distribution



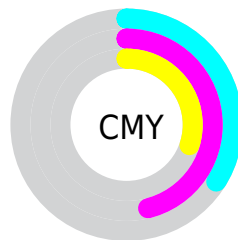
- Red (66%)
- Green (54%)
- Blue (70%)



- Red (66%)
- Yellow (54%)
- Blue (70%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (30%)





- Cyan (34%)
- Magenta (46%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7565, 0.3041, 0.2711 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 29.7565, 0.3041, 0.2711 by changing the saturation by 10% instead.


 29.7565, 0.3041,
0.2711


 29.7565, 0.3041,
0.2711


300.7678, 0.3092,
0.3009


 19.6538, 0.3026,
0.2634


 59.2769, 0.3061,
0.2821

 12.1437, 0.3004,
0.2533


 79.4634, 0.3068,
0.2862

 6.8416, 0.2972,
0.2397


 103.7800, 0.3074,
0.2897

 3.3632, 0.2921,
0.2203

132.6110, 0.3079,
0.2926

 1.3242, 0.2829,
0.1906

166.3409, 0.3083,
0.2951

 0.1598, 0.2775,
0.0722

205.3541, 0.3086,

 0.0000, 0.0000,

0.2973

0.0000

250.0349, 0.3089,
0.2992

■ 29.7565, 0.3041,
0.2711

■ 29.7565, 0.3041,
0.2711

■ 24.5231, 0.2992,
0.2444

■ 35.8582, 0.3083,
0.2972

■ 20.1124, 0.2936,
0.2179

■ 42.8630, 0.3118,
0.3221

■ 16.4807, 0.2873,
0.1925

■ 50.8087, 0.3147,
0.3454

■ 13.5783, 0.2806,
0.1694

■ 59.7297, 0.3171,
0.3669

■ 11.3500, 0.2735,
0.1497

■ 69.6586, 0.3189,
0.3866

■ 9.7324, 0.2663,
0.1341

■ 80.6264, 0.3204,
0.4045

■ 8.6495, 0.2592,
0.1232

■ 87.2626, 0.3224,
0.4130

■ 8.0936, 0.2543,
0.1175

■ 87.9378, 0.3255,
0.4122

■ 88.6339, 0.3285,
0.4114

Harmonies

Analogous

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



29.7565, 0.2667, 0.2618



29.7565, 0.3041, 0.2711



29.7565, 0.3464, 0.2934

Triad

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



29.7565, 0.3041, 0.2711



29.7565, 0.3864, 0.3873



29.7565, 0.2483, 0.3281

Complementary

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



29.7565, 0.3041, 0.2711



40.4556, 0.3192, 0.3903

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.



29.7565, 0.2773, 0.3685



29.7565, 0.3041, 0.2711



29.7565, 0.3570, 0.4033

Square

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



29.7565, 0.3041, 0.2711



29.7565, 0.3957, 0.3580



29.7565, 0.3169, 0.3973



29.7565, 0.2362, 0.2914

Rectangle

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



29.7565, 0.3041, 0.2711



29.7565, 0.3711, 0.3134



29.7565, 0.3169, 0.3973



29.7565, 0.2563, 0.3419

Sweetspot

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



29.7578, 0.3041, 0.2711



71.2884, 0.3104, 0.3118



30.3446, 0.2760, 0.2843



15.6297, 0.3102, 0.3103



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.7578, 0.3041, 0.2711



48.8472, 0.3020, 0.2590



30.6634, 0.3242, 0.2845



8.5303, 0.3096, 0.3063



5.7530, 0.2551, 0.1179



0.2077, 0.2744, 0.1285

Inverse Universe

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



29.9252, 0.3467, 0.3135



49.2387, 0.3555, 0.3102



39.7418, 0.3030, 0.3780



8.5413, 0.3246, 0.3229



6.9315, 0.5840, 0.2991



0.2280, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 29.7565, 0.3041, 0.2711 looks on a white background.

Color Contrast Check

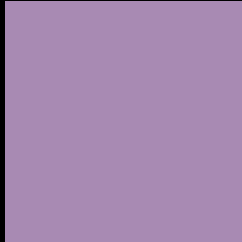
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7565, 0.3041, 0.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

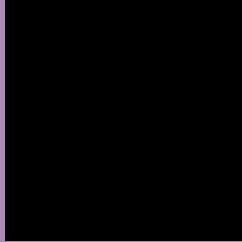
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7565, 0.3041, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 29.7565, 0.3041, 0.2711.



This preview shows how white text looks on a background with the Yxy color 29.7565, 0.3041, 0.2711.

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

29.7565, 0.3041, 0.2711

Protanopia

29.8592, 0.2718, 0.2720

Deuteranopia

29.8547, 0.2864, 0.2798



Tritanopia

29.8705, 0.3241, 0.3126

Trichromacy



Original Color

29.7565, 0.3041, 0.2711

Protanomaly

29.8494, 0.2830, 0.2717

Deuteranomaly

29.6283, 0.2930, 0.2763

Tritanomaly

29.6934, 0.3163, 0.2968

Monochromacy



Original Color

29.7565, 0.3041, 0.2711

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7452, 0.3097, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7565, 0.3041, 0.2711 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(168, 138, 179)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 179)  
}
```

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(168, 138, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 179) }
```

Border

The CSS property to change the border of an element to Yxy 29.7565, 0.3041, 0.2711 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(168, 138, 179) }
```

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

```
.border{ border-color:rgb(168, 138, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 179);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7565, 0.3041, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 179) }
```

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

```
.background{ background-color: rgb(168,  
138, 179) }
```

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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