

Converting Colors

$Y_{xy}(29.6036, 0.3252, 0.2607)$

Have a look what the booklet for
Yxy(29.6036, 0.3252, 0.2607)
contains.

Yxy(29.5524, 0.3257, 0.2605)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.5524, 0.3257, 0.2605)

Conversions

Conversions Part 1

Format	Color
Hex	BD80B4
RGB	189, 128, 180
RGB Percent	74%, 50%, 71%
CMY	0.2587, 0.4981, 0.2941
CMYK	0.00, 0.32, 0.05, 0.26
HSL	309°, 32%, 62%
HSV	309°, 32%, 74%
XYZ	36.9490, 29.5524, 46.9435
YIQ	152.1670, 19.6640, 29.1040

Conversions

Conversions Part 2

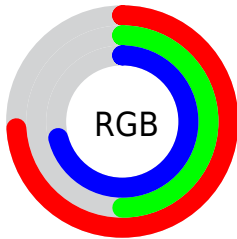
Format	Color
R _Y B	189, 128, 180
Decimal	12419252
CIE Lab	61.27, 31.87, -17.87
CIE LCh	61, 36.540, 330.718
Yxy	29.5524, 0.3257, 0.2605
Android (android.graphics.Color)	4290609332 (0xFFBD80B4)
YUV	152.1670, 13.7217, 32.3025
Hunter-Lab	54.3621, 26.1897, -13.1454

Details

The Yxy color $29.5524, 0.3257, 0.2605$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $42.8005, 0.3020, 0.4089$, and the grayscale version is $31.4095, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1049, 0.3234, 0.2736$, and $11.9910, 0.3296, 0.2399$ is the 20% darker color. If you saturate the color by 10%, you get $24.9613, 0.3307, 0.2398$, and if you desaturate by 10%, it is $35.0669, 0.3211, 0.2820$.

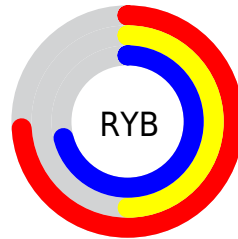
Distribution



Red (74%)

Green (50%)

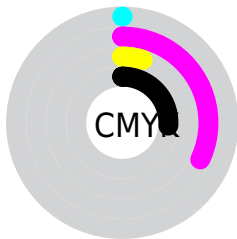
Blue (71%)



Red (74%)

Yellow (50%)

Blue (71%)

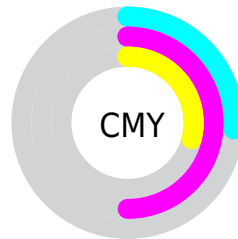


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (26%)



Cyan (26%)


Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5524, 0.3257, 0.2605 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 29.5524, 0.3257, 0.2605 by changing the saturation by 10% instead.


 29.5524, 0.3257,
0.2605


 29.5524, 0.3257,
0.2605


299.8125, 0.3196,
0.2953


 19.4991, 0.3271,
0.2517


 58.9536, 0.3236,
0.2733

 12.0315, 0.3288,
0.2403


 79.0703, 0.3227,
0.2780

 6.7651, 0.3308,
0.2250


 103.3102, 0.3220,
0.2820

 3.3156, 0.3332,
0.2037

132.0578, 0.3214,
0.2855

 1.2987, 0.3357,
0.1720

165.6974, 0.3209,
0.2884

 0.1402, 0.3616,
0.0555

204.6135, 0.3204,

 0.0000, 0.0000,

0.2910

0.0000

249.1904, 0.3200,
0.2933

■ 29.5524, 0.3257,
0.2605

■ 29.5524, 0.3257,
0.2605

■ 24.9613, 0.3307,
0.2398

■ 35.0669, 0.3211,
0.2820

■ 21.2385, 0.3361,
0.2207

■ 41.5481, 0.3171,
0.3034

■ 18.3293, 0.3417,
0.2042

■ 49.0412, 0.3135,
0.3243


■ 16.1710, 0.3474,
0.1912


■ 57.5874, 0.3104,
0.3443

■ 14.6918, 0.3530,
0.1823


■ 67.2257, 0.3077,
0.3630


 13.8057, 0.3583,
0.1780

 77.9931, 0.3054,
0.3804

 13.3993, 0.3622,
0.1769

 86.4911, 0.3035,
0.3911

 86.6224, 0.3020,
0.3879

 86.7561, 0.3005,
0.3846

Harmonies

Analogous

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



29.5524, 0.2682, 0.2396



29.5524, 0.3257, 0.2605



29.5524, 0.3847, 0.2962

Triad

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



29.5524, 0.3257, 0.2605



29.5524, 0.4006, 0.4232



29.5524, 0.2127, 0.3012

Complementary

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



29.5524, 0.3257, 0.2605



42.8005, 0.3020, 0.4089

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.



29.5524, 0.2421, 0.3609



29.5524, 0.3257, 0.2605



29.5524, 0.3498, 0.4376

Square

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



29.5524, 0.3257, 0.2605



29.5524, 0.4291, 0.3859



29.5524, 0.2917, 0.4150



29.5524, 0.2077, 0.2579

Rectangle

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



29.5524, 0.3257, 0.2605



29.5524, 0.4143, 0.3251



29.5524, 0.2917, 0.4150



29.5524, 0.2198, 0.3201

Sweetspot

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



29.5537, 0.3257, 0.2605



77.0930, 0.3163, 0.3080



24.3561, 0.2633, 0.2368



16.1930, 0.3168, 0.3050



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



29.5537, 0.3257, 0.2605



46.7282, 0.3293, 0.2452



28.4718, 0.3589, 0.2984



9.6714, 0.3160, 0.3097



9.0217, 0.3616, 0.1766



0.3601, 0.3504, 0.1704

Inverse Universe

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



29.5537, 0.3257, 0.2605



46.7282, 0.3293, 0.2452



43.7712, 0.2817, 0.3622



9.6714, 0.3160, 0.3097



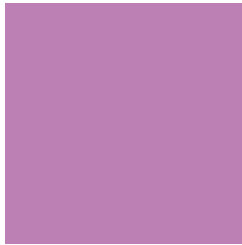
9.0217, 0.3616, 0.1766



0.3601, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 29.5524, 0.3257, 0.2605 looks on a white background.

Color Contrast Check

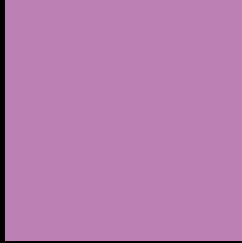
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5524, 0.3257, 0.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

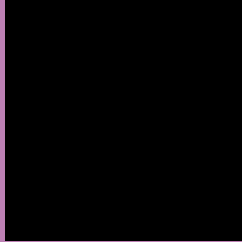
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5524, 0.3257, 0.2605

Background



This preview shows how black text looks on a background with the Yxy color 29.5524, 0.3257, 0.2605.



This preview shows how white text looks on a background with the Yxy color 29.5524, 0.3257, 0.2605.

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

29.5524, 0.3257, 0.2605

Protanopia

29.9519, 0.2632, 0.2609

Deuteranopia

29.8147, 0.2873, 0.2812



Tritanopia

29.6866, 0.3586, 0.3151

Trichromacy



Original Color

29.5524, 0.3257, 0.2605

Protanomaly

29.3556, 0.2832, 0.2600

Deuteranomaly

29.5721, 0.3009, 0.2732

Tritanomaly

29.4103, 0.3458, 0.2933

Monochromacy



Original Color

29.5524, 0.3257, 0.2605

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2529, 0.3172, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5524, 0.3257, 0.2605 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(189, 128, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 180)  
}
```

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(189, 128, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 180) }
```

Border

The CSS property to change the border of an element to Yxy 29.5524, 0.3257, 0.2605 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(189, 128, 180) }
```

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

```
.border{ border-color:rgb(189, 128, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5524, 0.3257, 0.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 128, 180) }
```

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

```
.background{ background-color: rgb(189,  
128, 180) }
```

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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