

Converting Colors

$Y_{xy}(29.3923, 0.2977, 0.2329)$

Have a look what the booklet for
Yxy(29.3923, 0.2977, 0.2329)
contains.

Yxy(29.3409, 0.2977, 0.2334)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.3409, 0.2977, 0.2334)

Conversions

Conversions Part 1

Format	Color
Hex	B67FC9
RGB	182, 127, 201
RGB Percent	71%, 50%, 79%
CMY	0.2862, 0.5020, 0.2118
CMYK	0.09, 0.37, 0.00, 0.21
HSL	285°, 41%, 64%
HSV	285°, 37%, 79%
XYZ	37.4241, 29.3409, 58.9458
YIQ	151.8810, 9.0260, 34.6740

Conversions

Conversions Part 2

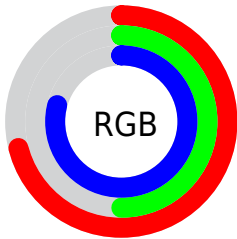
Format	Color
R_{YB}	182, 127, 201
Decimal	11960265
CIE _{Lab}	61.08, 34.23, -30.10
CIE _{LCh}	61, 45.581, 318.666
Yxy	29.3409, 0.2977, 0.2334
Android (android.graphics.Color)	4290150345 (0xFFB67FC9)
YUV	151.8810, 24.2157, 26.4144
Hunter-Lab	54.1672, 28.5328, -26.6034

Details

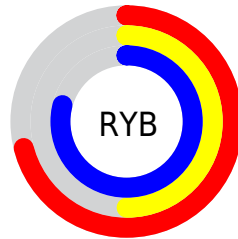
The Yxy color $29.3409, 0.2977, 0.2334$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.4133, 0.3217, 0.4347$, and the grayscale version is $31.2371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6185, 0.3038, 0.2537$, and $12.0035, 0.2907, 0.2075$ is the 20% darker color. If you saturate the color by 10%, you get $24.0415, 0.2920, 0.2072$, and if you desaturate by 10%, it is $35.7015, 0.3027, 0.2602$.

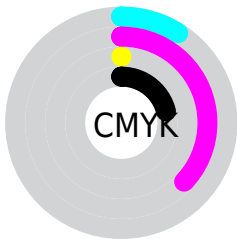
Distribution



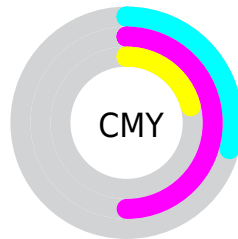
- Red (71%)
- Green (50%)
- Blue (79%)



- Red (71%)
- Yellow (50%)
- Blue (79%)



- Cyan (9%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)





- Cyan (29%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3409, 0.2977, 0.2334 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 29.3409, 0.2977, 0.2334 by changing the saturation by 10% instead.


 29.3409, 0.2977,
0.2334


 29.3409, 0.2977,
0.2334


298.8200, 0.3069,
0.2809


 19.3389, 0.2949,
0.2218


 58.6183, 0.3015,
0.2505

 11.9154, 0.2909,
0.2071

 78.6624, 0.3027,
0.2570

 6.6861, 0.2850,
0.1879


 102.8227, 0.3038,
0.2625

 3.2666, 0.2759,
0.1622

131.4835, 0.3046,
0.2672

 1.2724, 0.2602,
0.1266

165.0292, 0.3054,
0.2713

 0.1197, 0.2416,
0.0303

203.8443, 0.3060,

 0.0000, 0.0000,

0.2749

0.0000

248.3131, 0.3065,
0.2781

■ 29.3409, 0.2977,
0.2334

■ 29.3409, 0.2977,
0.2334

■ 24.0415, 0.2920,
0.2072

■ 35.7015, 0.3027,
0.2602

■ 19.7373, 0.2858,
0.1827

■ 43.1766, 0.3070,
0.2868

■ 16.3610, 0.2791,
0.1610


■ 51.8204, 0.3106,
0.3124


■ 13.8348, 0.2722,
0.1431


■ 61.6823, 0.3136,
0.3365

■ 12.0682, 0.2653,
0.1297


■ 72.8089, 0.3160,
0.3589


 10.9413, 0.2585,
0.1209

 85.2444, 0.3180,
0.3795

 10.6460, 0.2564,
0.1186

 90.6594, 0.3206,
0.3863

 91.4675, 0.3239,
0.3857

 92.3005, 0.3273,
0.3851

Harmonies

Analogous

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



29.3409, 0.2344, 0.2167



29.3409, 0.2977, 0.2334



29.3409, 0.3739, 0.2694

Triad

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



29.3409, 0.2977, 0.2334



29.3409, 0.4385, 0.4259



29.3409, 0.2010, 0.3211

Complementary

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



29.3409, 0.2977, 0.2334



49.4133, 0.3217, 0.4347

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.



29.3409, 0.2465, 0.4001



29.3409, 0.2977, 0.2334



29.3409, 0.3836, 0.4618

Square

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



29.3409, 0.2977, 0.2334



29.3409, 0.4603, 0.3733



29.3409, 0.3132, 0.4567



29.3409, 0.1842, 0.2577

Rectangle

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



29.3409, 0.2977, 0.2334



29.3409, 0.4192, 0.3011



29.3409, 0.3132, 0.4567



29.3409, 0.2131, 0.3472

Sweetspot

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



29.3421, 0.2977, 0.2334



82.0512, 0.3091, 0.3014



29.5136, 0.2503, 0.2489



17.1271, 0.3086, 0.2979



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.3421, 0.2977, 0.2334



43.0076, 0.2933, 0.2128



31.0454, 0.3347, 0.2578



10.6744, 0.3098, 0.3059



6.7399, 0.2573, 0.1191



0.3523, 0.2712, 0.1268

Inverse Universe

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



29.6710, 0.3781, 0.3043



43.8078, 0.3991, 0.2991



48.3050, 0.2966, 0.4129



10.6809, 0.3250, 0.3231



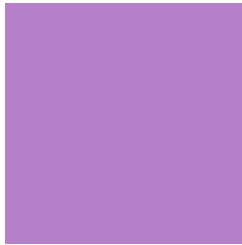
7.9739, 0.5887, 0.3017



0.3898, 0.5274, 0.2679

Previews

White Background



This preview shows how the Yxy color 29.3409, 0.2977, 0.2334 looks on a white background.

Color Contrast Check

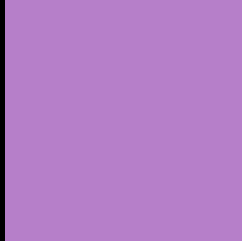
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3409, 0.2977, 0.2334 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 29.3409, 0.2977, 0.2334

Background



This preview shows how black text looks on a background with the Yxy color 29.3409, 0.2977, 0.2334.



This preview shows how white text looks on a background with the Yxy color 29.3409, 0.2977, 0.2334.

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

29.3409, 0.2977, 0.2334

Protanopia

29.5171, 0.2396, 0.2293

Deuteranopia

29.3503, 0.2583, 0.2524



Tritanopia

29.3456, 0.3411, 0.3131

Trichromacy



Original Color

29.3409, 0.2977, 0.2334

Protanomaly

28.9411, 0.2578, 0.2290

Deuteranomaly

28.8335, 0.2711, 0.2440

Tritanomaly

29.2245, 0.3247, 0.2814

Monochromacy



Original Color

29.3409, 0.2977, 0.2334

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3337, 0.3074, 0.2897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3409, 0.2977, 0.2334 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(182, 127, 201)` looks like.

```
.text, #text, p{  
    color:rgb(182, 127, 201)  
}
```

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(182, 127, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 127, 201) }
```

Border

The CSS property to change the border of an element to Yxy 29.3409, 0.2977, 0.2334 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(182, 127, 201) }
```

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

```
.border{ border-color:rgb(182, 127, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 127, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 127, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 127, 201);  
box-shadow:4px 4px 4px 4px rgb(182, 127,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3409, 0.2977, 0.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 127, 201) }
```

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

```
.background{ background-color: rgb(182,  
127, 201) }
```

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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