

Converting Colors

$Y_{xy}(31.9951, 0.2850, 0.2362)$

Have a look what the booklet for
Yxy(31.9951, 0.2850, 0.2362)
contains.

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Color

Yxy(32.0602, 0.2844, 0.2361)

Conversions

Conversions Part 1

Format	Color
Hex	B08AD2
RGB	176, 138, 210
RGB Percent	69%, 54%, 82%
CMY	0.3099, 0.4587, 0.1766
CMYK	0.16, 0.34, 0.00, 0.18
HSL	272°, 44%, 68%
HSV	272°, 34%, 82%
XYZ	38.6189, 32.0602, 65.1117
YIQ	157.5700, -0.4640, 30.4480

Conversions

Conversions Part 2

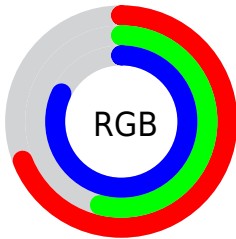
Format	Color
R _Y B	176, 138, 210
Decimal	11569874
CIE Lab	63.39, 28.12, -31.61
CIE LCh	63, 42.312, 311.654
Yxy	32.0602, 0.2844, 0.2361
Android (android.graphics.Color)	4289759954 (0xFFB08AD2)
YUV	157.5700, 25.8480, 16.1631
Hunter-Lab	56.6217, 22.6580, -28.5448

Details

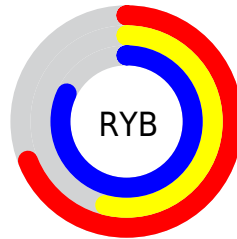
The Yxy color **32.0602, 0.2844, 0.2361** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.6921, 0.3332, 0.4231**, and the grayscale version is **33.8684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0751, 0.2984, 0.2640**, and **13.3205, 0.2739, 0.2103** is the 20% darker color. If you saturate the color by 10%, you get **25.4920, 0.2735, 0.2067**, and if you desaturate by 10%, it is **39.8803, 0.2941, 0.2651**.

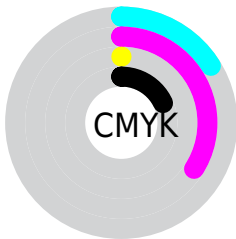
Distribution



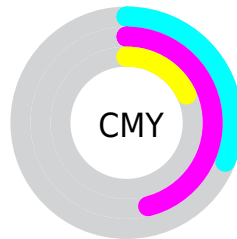
- Red (69%)
- Green (54%)
- Blue (82%)



- Red (69%)
- Yellow (54%)
- Blue (82%)



- Cyan (16%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)





- Cyan (31%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0602, 0.2844, 0.2361 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 32.0602, 0.2844, 0.2361 by changing the saturation by 10% instead.


 32.0602, 0.2844,
0.2361


 32.0602, 0.2844,
0.2361


311.3934, 0.3002,
0.2820


 21.4075, 0.2800,
0.2250


 62.9055, 0.2905,
0.2525

 13.4222, 0.2741,
0.2110


 83.8668, 0.2927,
0.2588

 7.7199, 0.2659,
0.1928


 109.0331, 0.2945,
0.2641

 3.9162, 0.2537,
0.1686

138.7888, 0.2960,
0.2687

 1.6268, 0.2345,
0.1352

173.5183, 0.2973,
0.2726

 0.3756, 0.2046,
0.0725

213.6060, 0.2984,

 0.0000, 0.0000,

0.2761

0.0000

259.4362, 0.2993,
0.2792

■ 32.0602, 0.2844,
0.2361

■ 32.0602, 0.2844,
0.2361

■ 25.4920, 0.2735,
0.2067

■ 39.8803, 0.2941,
0.2651

■ 20.1027, 0.2617,
0.1780

■ 49.0122, 0.3026,
0.2927

■ 15.8174, 0.2492,
0.1514


■ 59.5163, 0.3099,
0.3186


■ 12.5508, 0.2366,
0.1282


■ 71.4484, 0.3161,
0.3424

■ 10.2044, 0.2243,
0.1099

■ 84.8607, 0.3213,
0.3639

 8.6588, 0.2130,
0.0970

 93.9214, 0.3266,
0.3749

 8.0155, 0.2070,
0.0914

 95.6627, 0.3331,
0.3740

 97.4321, 0.3394,
0.3731

Harmonies

Analogous

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



32.0602, 0.2310, 0.2257



32.0602, 0.2844, 0.2361



32.0602, 0.3522, 0.2656

Triad

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



32.0602, 0.2844, 0.2361



32.0602, 0.4350, 0.4082



32.0602, 0.2187, 0.3389

Complementary

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



32.0602, 0.2844, 0.2361



56.6921, 0.3332, 0.4231

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.



32.0602, 0.2663, 0.4074



32.0602, 0.2844, 0.2361



32.0602, 0.3915, 0.4444

Square

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



32.0602, 0.2844, 0.2361



32.0602, 0.4449, 0.3590



32.0602, 0.3295, 0.4484



32.0602, 0.1964, 0.2764

Rectangle

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



32.0602, 0.2844, 0.2361



32.0602, 0.3956, 0.2934



32.0602, 0.3295, 0.4484



32.0602, 0.2320, 0.3626

Sweetspot

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



32.0615, 0.2844, 0.2361



82.5814, 0.3058, 0.3037



39.8675, 0.2578, 0.2776



17.1903, 0.3048, 0.3000



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.



32.0615, 0.2844, 0.2361



42.2403, 0.2767, 0.2150



36.4736, 0.3178, 0.2459



11.7201, 0.3063, 0.3056



4.9507, 0.2084, 0.0922



0.3239, 0.2280, 0.1030

Inverse Universe

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



34.8605, 0.3549, 0.2870



47.3800, 0.3675, 0.2780



53.3584, 0.3072, 0.4291



11.8999, 0.3218, 0.3181



8.9301, 0.5060, 0.2561



0.5153, 0.4632, 0.2326

Previews

White Background



This preview shows how the Yxy color 32.0602, 0.2844, 0.2361 looks on a white background.

Color Contrast Check

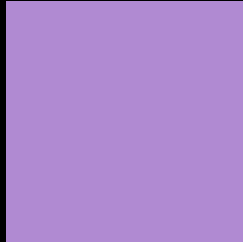
Large Text (above 18pt) WCAG AA × Fail

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 32.0602, 0.2844, 0.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

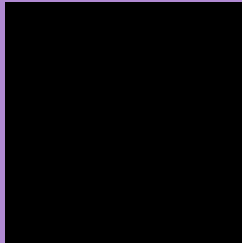
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0602, 0.2844, 0.2361

Background



This preview shows how black text looks on a background with the Yxy color 32.0602, 0.2844, 0.2361.



This preview shows how white text looks on a background with the Yxy color 32.0602, 0.2844, 0.2361.

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

32.0602, 0.2844, 0.2361

Protanopia

32.2061, 0.2430, 0.2336

Deuteranopia

32.0415, 0.2557, 0.2497



Tritanopia

32.0427, 0.3217, 0.3116

Trichromacy



Original Color

32.0602, 0.2844, 0.2361

Protanomaly

31.8115, 0.2566, 0.2340

Deuteranomaly

31.7872, 0.2655, 0.2438

Tritanomaly

31.8188, 0.3079, 0.2815

Monochromacy



Original Color

32.0602, 0.2844, 0.2361

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3069, 0.3027, 0.2921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0602, 0.2844, 0.2361 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(176, 138, 210)` looks like.

```
.text, #text, p{  
    color:rgb(176, 138, 210)  
}
```

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(176, 138, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 138, 210) }
```

Border

The CSS property to change the border of an element to Yxy 32.0602, 0.2844, 0.2361 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(176, 138, 210) }
```

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

```
.border{ border-color:rgb(176, 138, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 138, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 138, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 138, 210);  
box-shadow:4px 4px 4px 4px rgb(176, 138,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0602, 0.2844, 0.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 138, 210) }
```

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

```
.background{ background-color: rgb(176,  
138, 210) }
```

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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