

Converting Colors

Yxy(52.2564, 0.3256, 0.2888)

Have a look what the booklet for
Yxy(52.2564, 0.3256, 0.2888)
contains.

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Color

Yxy(52.4171, 0.3257, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	E2B1D5
RGB	226, 177, 213
RGB Percent	89%, 69%, 84%
CMY	0.1137, 0.3059, 0.1649
CMYK	0.00, 0.22, 0.06, 0.11
HSL	316°, 46%, 79%
HSV	316°, 22%, 89%
XYZ	59.0940, 52.4171, 69.9258
YIQ	195.7550, 17.6480, 21.5840

Conversions

Conversions Part 2

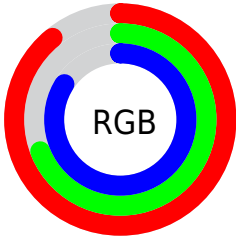
Format	Color
R_{YB}	226, 177, 213
Decimal	14856661
CIE _{Lab}	77.53, 23.60, -11.30
CIE _{LCh}	78, 26.167, 334.427
Yxy	52.4171, 0.3257, 0.2889
Android (android.graphics.Color)	4293046741 (0xFFE2B1D5)
YUV	195.7550, 8.5018, 26.5249
Hunter-Lab	72.3997, 18.9957, -6.5843

Details

The Yxy color $52.4171, 0.3257, 0.2889$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.4659, 0.3019, 0.3728$, and the grayscale version is $54.9885, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $25.4300, 0.3290, 0.2793$ is the 20% darker color. If you saturate the color by 10%, you get $43.9179, 0.3333, 0.2698$, and if you desaturate by 10%, it is $62.4109, 0.3192, 0.3078$.

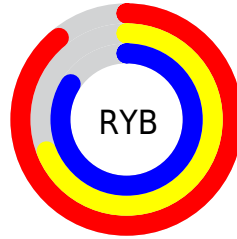
Distribution



Red (89%)

Green (69%)

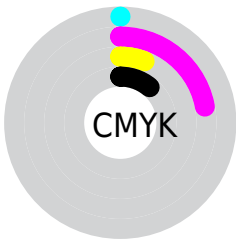
Blue (84%)



Red (89%)

Yellow (69%)

Blue (84%)

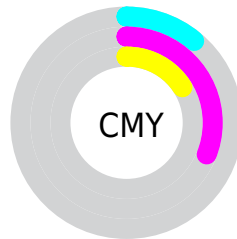


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4171, 0.3257, 0.2889 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 52.4171, 0.3257, 0.2889 by changing the saturation by 10% instead.

52.4171, 0.3257,
0.2889

52.4171, 0.3257,
0.2889

396.0447, 0.3196,
0.3079

37.3376, 0.3271,
0.2844

93.7461, 0.3236,
0.2956

25.4690, 0.3288,
0.2789

120.7644, 0.3228,
0.2982

16.4268, 0.3310,
0.2718

152.5311, 0.3221,
0.3004

9.8267, 0.3339,
0.2623

189.4307, 0.3215,
0.3023

5.2842, 0.3378,
0.2491

231.8474, 0.3209,
0.3039

2.4150, 0.3435,
0.2296

280.1657, 0.3204,

0.8336, 0.3523,

0.3054

0.1976

334.7700, 0.3200,
0.3067

0.0000, 0.3913,
0.0000

0.0000, 0.0000,
0.0000

52.4171, 0.3257,
0.2889

52.4171, 0.3257,
0.2889

43.9179, 0.3333,
0.2698

62.4109, 0.3192,
0.3078

36.8334, 0.3418,
0.2512

73.9600, 0.3136,
0.3260

31.0869, 0.3514,
0.2339

87.1306, 0.3088,
0.3433

26.5917, 0.3617,
0.2190

93.8067, 0.3051,
0.3473

■ 23.2506, 0.3726,
0.2076

■ 94.1646, 0.3017,
0.3411

■ 20.9522, 0.3837,
0.2005

■ 94.5343, 0.2984,
0.3349

■ 19.5629, 0.3946,
0.1983

■ 94.9102, 0.2952,
0.3289

■ 18.9168, 0.4034,
0.1996

Harmonies

Analogous

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



52.4171, 0.2904, 0.2743



52.4171, 0.3257, 0.2889



52.4171, 0.3590, 0.3129

Triad

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



52.4171, 0.3257, 0.2889



52.4171, 0.3632, 0.3880



52.4171, 0.2501, 0.3103

Complementary

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



52.4171, 0.3257, 0.2889



67.4659, 0.3019, 0.3728

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.



52.4171, 0.2674, 0.3439



52.4171, 0.3257, 0.2889



52.4171, 0.3323, 0.3911

Square

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



52.4171, 0.3257, 0.2889



52.4171, 0.3811, 0.3690



52.4171, 0.2972, 0.3747



52.4171, 0.2484, 0.2846

Rectangle

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



52.4171, 0.3257, 0.2889



52.4171, 0.3747, 0.3319



52.4171, 0.2972, 0.3747



52.4171, 0.2542, 0.3210

Sweetspot

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



52.4194, 0.3257, 0.2889



88.8329, 0.3165, 0.3164



47.7905, 0.2856, 0.2703



18.8183, 0.3168, 0.3152



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.



52.4194, 0.3257, 0.2889



63.6608, 0.3290, 0.2803



51.3027, 0.3458, 0.3151



13.8701, 0.3178, 0.3120



10.8117, 0.4018, 0.1987



0.7640, 0.3866, 0.1903

Inverse Universe

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



52.4194, 0.3257, 0.2889



63.6608, 0.3290, 0.2803



68.5884, 0.2876, 0.3435



13.8701, 0.3178, 0.3120



10.8117, 0.4018, 0.1987



0.7640, 0.3866, 0.1903

Previews

White Background



This preview shows how the Yxy color 52.4171, 0.3257, 0.2889 looks on a white background.

Color Contrast Check

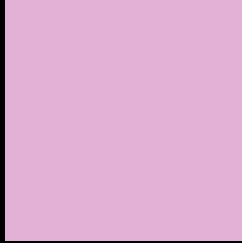
Large Text (above 18pt) WCAG AA × Fail

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 52.4171, 0.3257, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

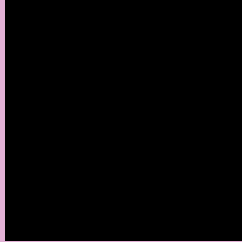
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4171, 0.3257, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 52.4171, 0.3257, 0.2889.



This preview shows how white text looks on a background with the Yxy color 52.4171, 0.3257, 0.2889.

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

52.4171, 0.3257, 0.2889

Protanopia

52.5399, 0.2866, 0.2904

Deuteranopia

52.8004, 0.3068, 0.3006



Tritanopia

52.3849, 0.3394, 0.3130

Trichromacy



Original Color

52.4171, 0.3257, 0.2889

Protanomaly

52.2299, 0.3001, 0.2891

Deuteranomaly

52.4693, 0.3135, 0.2954

Tritanomaly

52.4648, 0.3345, 0.3041

Monochromacy



Original Color

52.4171, 0.3257, 0.2889

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.9249, 0.3175, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4171, 0.3257, 0.2889 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(226, 177, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 177, 213)  
}
```

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(226, 177, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 177, 213) }
```

Border

The CSS property to change the border of an element to Yxy 52.4171, 0.3257, 0.2889 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(226, 177, 213) }
```

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

```
.border{ border-color:rgb(226, 177, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 177, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 177, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 177, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 177,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4171, 0.3257, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 177, 213) }
```

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

```
.background{ background-color: rgb(226,  
177, 213) }
```

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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