

Converting Colors

$Yxy(41.2809, 0.2792, 0.2643)$

Have a look what the booklet for
Yxy(41.2809, 0.2792, 0.2643)
contains.

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Color

Yxy(41.2809, 0.2792, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	AEA6D9
RGB	174, 166, 217
RGB Percent	68%, 65%, 85%
CMY	0.3178, 0.3489, 0.1491
CMYK	0.20, 0.23, 0.00, 0.15
HSL	249°, 40%, 75%
HSV	249°, 23%, 85%
XYZ	43.6081, 41.2809, 71.3005
YIQ	174.2060, -11.6030, 17.5570

Conversions

Conversions Part 2

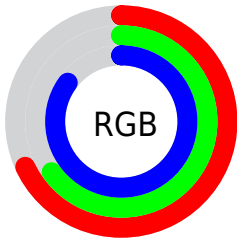
Format	Color
RYB	174, 166, 217
Decimal	11445977
CIELab	70.37, 13.34, -24.76
CIELCh	70, 28.126, 298.322
Yxy	41.2809, 0.2792, 0.2643
Android (android.graphics.Color)	4289636057 (0xFFAEA6D9)
YUV	174.2060, 21.0974, -0.1807
Hunter-Lab	64.2502, 8.7143, -20.8209

Details

The Yxy color $41.2809, 0.2792, 0.2643$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $65.9287, 0.3418, 0.3886$, and the grayscale version is $42.3314, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.7559, 0.2973, 0.2942$, and $18.7082, 0.2693, 0.2466$ is the 20% darker color. If you saturate the color by 10%, you get $32.0857, 0.2619, 0.2322$, and if you desaturate by 10%, it is $52.0970, 0.2947, 0.2939$.

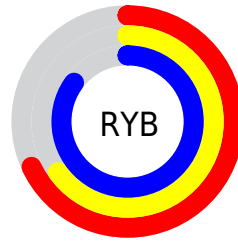
Distribution



Red (68%)

Green (65%)

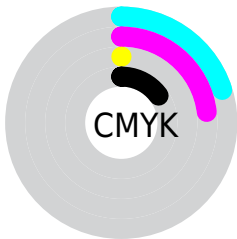
Blue (85%)



Red (68%)

Yellow (65%)

Blue (85%)

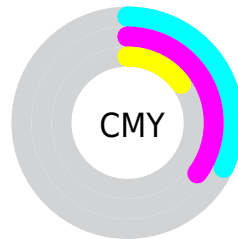


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2809, 0.2792, 0.2643 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 41.2809, 0.2792, 0.2643 by changing the saturation by 10% instead.

■ 41.2809, 0.2792,
0.2643

■ 41.2809, 0.2792,
0.2643

■ 351.4933, 0.2964,
0.2960

■ 28.5386, 0.2748,
0.2566

■ 77.1101, 0.2855,
0.2756

■ 18.7321, 0.2691,
0.2470

■ 100.9659, 0.2879,
0.2800

■ 11.4769, 0.2615,
0.2344

■ 129.2949, 0.2899,
0.2836

■ 6.3885, 0.2508,
0.2174

■ 162.4816, 0.2916,
0.2868

■ 3.0827, 0.2349,
0.1935

■ 200.9105, 0.2930,
0.2895

■ 1.1751, 0.2092,
0.1578

■ 244.9657, 0.2943,

■ 0.0412, 0.1501,

0.2920

0.0170

295.0319, 0.2954,
0.2941

0.0000, 0.0000,
0.0000

41.2809, 0.2792,
0.2643

41.2809, 0.2792,
0.2643

32.0857, 0.2619,
0.2322

52.0970, 0.2947,
0.2939

24.4282, 0.2431,
0.1984

64.6020, 0.3084,
0.3204

18.2252, 0.2235,
0.1644

78.8659, 0.3202,
0.3440

13.3835, 0.2043,
0.1323

94.9535, 0.3303,
0.3646

9.7993, 0.1866,
0.1043

97.7887, 0.3352,
0.3661

■ 7.3531, 0.1718,
0.0827

■ 5.9019, 0.1609,
0.0688

■ 5.3461, 0.1559,
0.0633

Harmonies

Analogous

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



41.2809, 0.2502, 0.2650



41.2809, 0.2792, 0.2643



41.2809, 0.3190, 0.2784

Triad

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



41.2809, 0.2792, 0.2643



41.2809, 0.3939, 0.3688



41.2809, 0.2661, 0.3544

Complementary

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



41.2809, 0.2792, 0.2643



65.9287, 0.3418, 0.3886

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.



41.2809, 0.3024, 0.3884



41.2809, 0.2792, 0.2643



41.2809, 0.3770, 0.3940

Square

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



41.2809, 0.2792, 0.2643



41.2809, 0.3876, 0.3362



41.2809, 0.3431, 0.4028



41.2809, 0.2430, 0.3143

Rectangle

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



41.2809, 0.2792, 0.2643



41.2809, 0.3467, 0.2945



41.2809, 0.3431, 0.4028



41.2809, 0.2771, 0.3672

Sweetspot

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



41.2826, 0.2792, 0.2643



86.3890, 0.3037, 0.3113



58.8832, 0.2774, 0.3195



18.2522, 0.3029, 0.3097



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.



41.2826, 0.2792, 0.2643



52.9022, 0.2711, 0.2493



44.4494, 0.3001, 0.2681



12.7142, 0.3005, 0.3050



3.2663, 0.1568, 0.0637



0.2427, 0.1701, 0.0711

Inverse Universe

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



46.6325, 0.3221, 0.2794



61.8983, 0.3244, 0.2691



62.5413, 0.3226, 0.3923



13.2381, 0.3161, 0.3095



11.0162, 0.3645, 0.1782



0.7233, 0.3563, 0.1736

Previews

White Background



This preview shows how the Yxy color 41.2809, 0.2792, 0.2643 looks on a white background.

Color Contrast Check

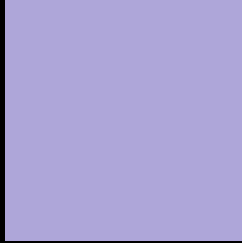
Large Text (above 18pt) WCAG AA × Fail

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 41.2809, 0.2792, 0.2643 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 41.2809, 0.2792, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 41.2809, 0.2792, 0.2643.



This preview shows how white text looks on a background with the Yxy color 41.2809, 0.2792, 0.2643.

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

41.2809, 0.2792, 0.2643

Protanopia

41.2877, 0.2660, 0.2640

Deuteranopia

41.4408, 0.2739, 0.2683



Tritanopia

41.3327, 0.2987, 0.3113

Trichromacy



Original Color

41.2809, 0.2792, 0.2643

Protanomaly

41.3829, 0.2703, 0.2645

Deuteranomaly

41.3981, 0.2761, 0.2673

Tritanomaly

41.3267, 0.2910, 0.2931

Monochromacy



Original Color

41.2809, 0.2792, 0.2643

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8422, 0.2999, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2809, 0.2792, 0.2643 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(174, 166, 217)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 217)  
}
```

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(174, 166, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 217) }
```

Border

The CSS property to change the border of an element to Yxy 41.2809, 0.2792, 0.2643 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(174, 166, 217) }
```

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

```
.border{ border-color:rgb(174, 166, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 166, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 166, 217); box-shadow:4px 4px 4px 4px rgb(174, 166, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2809, 0.2792, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 217) }
```

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

```
.background{ background-color: rgb(174,  
166, 217) }
```

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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