

Converting Colors

$Yxy(48.2334, 0.2862, 0.2708)$

Have a look what the booklet for
Yxy(48.2334, 0.2862, 0.2708)
contains.

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Color

Yxy(48.2789, 0.2863, 0.2716)

Conversions

Conversions Part 1

Format	Color
Hex	BEB2E2
RGB	190, 178, 226
RGB Percent	75%, 70%, 89%
CMY	0.2547, 0.3020, 0.1137
CMYK	0.16, 0.21, 0.00, 0.11
HSL	255°, 45%, 79%
HSV	255°, 21%, 89%
XYZ	50.8919, 48.2789, 78.5865
YIQ	187.0600, -8.2560, 17.4720

Conversions

Conversions Part 2

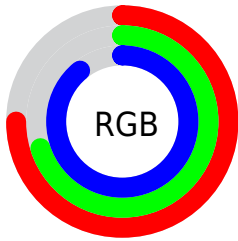
Format	Color
R _Y B	190, 178, 226
Decimal	12497634
CIE Lab	75.00, 13.77, -22.50
CIE LCh	75, 26.383, 301.461
Yxy	48.2789, 0.2863, 0.2716
Android (android.graphics.Color)	4290687714 (0xFFBEB2E2)
YUV	187.0600, 19.1974, 2.5784
Hunter-Lab	69.4830, 9.1447, -18.4199

Details

The Yxy color **48.2789, 0.2863, 0.2716** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.8927, 0.3357, 0.3834**, and the grayscale version is **49.6272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8398, 0.3084, 0.3084**, and **22.8417, 0.2781, 0.2558** is the 20% darker color. If you saturate the color by 10%, you get **37.9622, 0.2711, 0.2406**, and if you desaturate by 10%, it is **60.3341, 0.2997, 0.3002**.

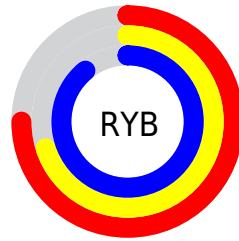
Distribution



Red (75%)

Green (70%)

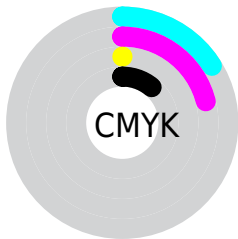
Blue (89%)



Red (75%)

Yellow (70%)

Blue (89%)

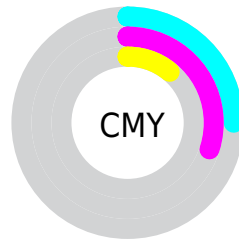


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2789, 0.2863, 0.2716 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 48.2789, 0.2863, 0.2716 by changing the saturation by 10% instead.

■ 48.2789, 0.2863,
0.2716

■ 48.2789, 0.2863,
0.2716

■ 379.8966, 0.2996,
0.2991

■ 34.0478, 0.2830,
0.2651

■ 87.6195, 0.2911,
0.2813

■ 22.9303, 0.2787,
0.2570

■ 113.4978, 0.2929,
0.2850

■ 14.5421, 0.2731,
0.2466

■ 144.0273, 0.2945,
0.2882

■ 8.4986, 0.2654,
0.2327

■ 179.5924, 0.2958,
0.2910

■ 4.4156, 0.2541,
0.2134

■ 220.5775, 0.2969,
0.2934

■ 1.9087, 0.2362,
0.1852

■ 267.3669, 0.2979,

■ 0.5536, 0.2068,

0.2955

0.1327

320.3452, 0.2988,
0.2974

0.0000, 0.0000,
0.0000

48.2789, 0.2863,
0.2716

48.2789, 0.2863,
0.2716

37.9622, 0.2711,
0.2406

60.3341, 0.2997,
0.3002

29.2969, 0.2544,
0.2080

74.1974, 0.3114,
0.3260

22.1972, 0.2366,
0.1750

89.9421, 0.3214,
0.3490

16.5673, 0.2184,
0.1433

98.2709, 0.3298,
0.3572

12.3004, 0.2009,
0.1150

■ 9.2748, 0.1852,
0.0921

■ 7.3462, 0.1723,
0.0762

■ 6.3544, 0.1636,
0.0675

Harmonies

Analogous

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



48.2789, 0.2589, 0.2709



48.2789, 0.2863, 0.2716



48.2789, 0.3224, 0.2856

Triad

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



48.2789, 0.2863, 0.2716



48.2789, 0.3843, 0.3678



48.2789, 0.2684, 0.3479

Complementary

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



48.2789, 0.2863, 0.2716



71.8927, 0.3357, 0.3834

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.



48.2789, 0.3001, 0.3790



48.2789, 0.2863, 0.2716



48.2789, 0.3676, 0.3887

Square

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



48.2789, 0.2863, 0.2716



48.2789, 0.3809, 0.3390



48.2789, 0.3364, 0.3940



48.2789, 0.2490, 0.3127

Rectangle

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



48.2789, 0.2863, 0.2716



48.2789, 0.3467, 0.3007



48.2789, 0.3364, 0.3940



48.2789, 0.2779, 0.3594

Sweetspot

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



48.2809, 0.2863, 0.2716



88.5153, 0.3060, 0.3140



63.0459, 0.2802, 0.3147



18.6899, 0.3052, 0.3123



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.



48.2809, 0.2863, 0.2716



57.8947, 0.2806, 0.2597



51.6227, 0.3054, 0.2748



13.4088, 0.3019, 0.3050



3.6727, 0.1649, 0.0682



0.2966, 0.1806, 0.0768

Inverse Universe

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



52.8566, 0.3248, 0.2890



64.8617, 0.3275, 0.2813



68.5521, 0.3183, 0.3865



13.8737, 0.3176, 0.3116



10.8832, 0.3964, 0.1957



0.7684, 0.3823, 0.1879

Previews

White Background



This preview shows how the Yxy color 48.2789, 0.2863, 0.2716 looks on a white background.

Color Contrast Check

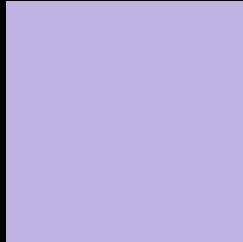
Large Text (above 18pt) WCAG AA × Fail

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 48.2789, 0.2863, 0.2716 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 48.2789, 0.2863, 0.2716

Background



This preview shows how black text looks on a background with the Yxy color 48.2789, 0.2863, 0.2716.



This preview shows how white text looks on a background with the Yxy color 48.2789, 0.2863, 0.2716.

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

48.2789, 0.2863, 0.2716

Protanopia

48.5228, 0.2727, 0.2726

Deuteranopia

48.4291, 0.2810, 0.2755



Tritanopia

48.2585, 0.3028, 0.3100

Trichromacy



Original Color

48.2789, 0.2863, 0.2716

Protanomaly

48.3525, 0.2775, 0.2719

Deuteranomaly

48.3930, 0.2832, 0.2746

Tritanomaly

48.1666, 0.2970, 0.2955

Monochromacy



Original Color

48.2789, 0.2863, 0.2716

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1894, 0.3030, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2789, 0.2863, 0.2716 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(190, 178, 226)` looks like.

```
.text, #text, p{  
    color:rgb(190, 178, 226)  
}
```

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(190, 178, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 226) }
```

Border

The CSS property to change the border of an element to Yxy 48.2789, 0.2863, 0.2716 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(190, 178, 226) }
```

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

```
.border{ border-color:rgb(190, 178, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 226);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2789, 0.2863, 0.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 226) }
```

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

```
.background{ background-color: rgb(190,  
178, 226) }
```

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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