

Converting Colors

$Y_{xy}(45.8221, 0.3231, 0.3199)$

Have a look what the booklet for
Yxy(45.8221, 0.3231, 0.3199)
contains.

Yxy(45.9389, 0.3228, 0.3202)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.9389, 0.3228, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	C2B0B7
RGB	194, 176, 183
RGB Percent	76%, 69%, 72%
CMY	0.2394, 0.3097, 0.2824
CMYK	0.00, 0.09, 0.06, 0.24
HSL	337°, 13%, 73%
HSV	337°, 9%, 76%
XYZ	46.3119, 45.9389, 51.2186
YIQ	182.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

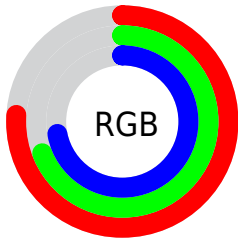
Format	Color
RYB	194, 176, 183
Decimal	12759223
CIELab	73.51, 7.65, -1.22
CIElCh	74, 7.745, 350.912
Yxy	45.9389, 0.3228, 0.3202
Android (android.graphics.Color)	4290949303 (0xFFC2B0B7)
YUV	182.1800, 0.4043, 10.3661
Hunter-Lab	67.7782, 3.3546, 2.6406

Details

The Yxy color $45.9389, 0.3228, 0.3202$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.3861, 0.3036, 0.3380$, and the grayscale version is $46.8749, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4545, 0.3212, 0.3221$, and $21.6025, 0.3253, 0.3187$ is the 20% darker color. If you saturate the color by 10%, you get $38.3959, 0.3360, 0.3101$, and if you desaturate by 10%, it is $54.6143, 0.3120, 0.3297$.

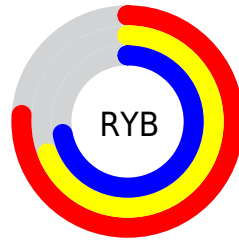
Distribution



Red (76%)

Green (69%)

Blue (72%)



Red (76%)

Yellow (69%)

Blue (72%)

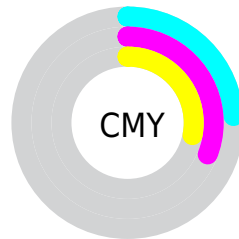


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9389, 0.3228, 0.3202 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 45.9389, 0.3228, 0.3202 by changing the saturation by 10% instead.


 45.9389, 0.3228,
0.3202

 45.9389, 0.3228,
0.3202


370.5630, 0.3178,
0.3246

 32.1976, 0.3241,
0.3191


 84.1275, 0.3210,
0.3218

 21.5125, 0.3257,
0.3177


109.3437, 0.3203,
0.3224

 13.4991, 0.3278,
0.3158

139.1536, 0.3197,
0.3229

 7.7731, 0.3309,
0.3132

173.9416, 0.3192,
0.3233

 3.9501, 0.3354,
0.3093

214.0922, 0.3188,
0.3237

 1.6457, 0.3430,
0.3029

259.9896, 0.3184,

 0.3881, 0.3827,

0.3240

0.2673

312.0184, 0.3181,
0.3243

0.0000, 0.0000,
0.0000

45.9389, 0.3228,
0.3202

45.9389, 0.3228,
0.3202

38.3959, 0.3360,
0.3101

54.6143, 0.3120,
0.3297

31.9325, 0.3520,
0.2997

64.4602, 0.3031,
0.3385

26.5005, 0.3712,
0.2893

75.5204, 0.2958,
0.3466

22.0456, 0.3939,
0.2796

87.8346, 0.2898,
0.3541

18.5088, 0.4202,
0.2714

89.4131, 0.2837,
0.3425

■ 15.8242, 0.4496,
0.2660

■ 90.1505, 0.2777,
0.3298

■ 13.9175, 0.4809,
0.2645

■ 90.2041, 0.2773,
0.3289

■ 12.7010, 0.5121,
0.2680

■ 12.0206, 0.5412,
0.2761

Harmonies

Analogous

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



45.9389, 0.3120, 0.3134



45.9389, 0.3228, 0.3202



45.9389, 0.3310, 0.3293

Triad

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



45.9389, 0.3228, 0.3202



45.9389, 0.3238, 0.3481



45.9389, 0.2917, 0.3189

Complementary

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



45.9389, 0.3228, 0.3202



51.3861, 0.3036, 0.3380

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.



45.9389, 0.2948, 0.3283



45.9389, 0.3228, 0.3202



45.9389, 0.3132, 0.3454

Square

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



45.9389, 0.3228, 0.3202



45.9389, 0.3315, 0.3455



45.9389, 0.3026, 0.3380



45.9389, 0.2942, 0.3125

Rectangle

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



45.9389, 0.3228, 0.3202



45.9389, 0.3338, 0.3356



45.9389, 0.3026, 0.3380



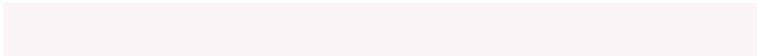
45.9389, 0.2921, 0.3218

Sweetspot

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



45.9409, 0.3228, 0.3202



92.7757, 0.3158, 0.3262



45.4893, 0.3076, 0.3062



20.0329, 0.3167, 0.3254



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.



45.9409, 0.3228, 0.3202



80.4825, 0.3251, 0.3183



46.3662, 0.3284, 0.3313



10.1412, 0.3229, 0.3201



7.8929, 0.5399, 0.2748



0.3546, 0.4800, 0.2418

Inverse Universe

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



45.9409, 0.3228, 0.3202



80.4825, 0.3251, 0.3183



50.8982, 0.2986, 0.3267



10.1412, 0.3229, 0.3201



7.8929, 0.5399, 0.2748



0.3546, 0.4800, 0.2418

Previews

White Background



This preview shows how the Yxy color 45.9389, 0.3228, 0.3202 looks on a white background.

Color Contrast Check

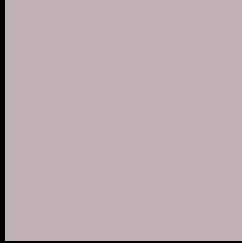
Large Text (above 18pt) WCAG AA × Fail

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 45.9389, 0.3228, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

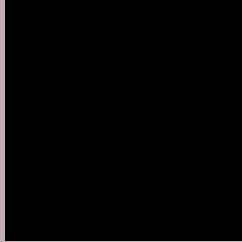
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9389, 0.3228, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 45.9389, 0.3228, 0.3202.



This preview shows how white text looks on a background with the Yxy color 45.9389, 0.3228, 0.3202.

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

45.9389, 0.3228, 0.3202

Protanopia

46.0904, 0.3105, 0.3225

Deuteranopia

45.9492, 0.3256, 0.3190



Tritanopia

45.9362, 0.3188, 0.3115

Trichromacy



Original Color

45.9389, 0.3228, 0.3202

Protanomaly

46.1400, 0.3147, 0.3226

Deuteranomaly

45.8146, 0.3247, 0.3190

Tritanomaly

45.8499, 0.3205, 0.3139

Monochromacy



Original Color

45.9389, 0.3228, 0.3202

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4590, 0.3163, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9389, 0.3228, 0.3202 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(194, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 183)  
}
```

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(194, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 183) }
```

Border

The CSS property to change the border of an element to Yxy 45.9389, 0.3228, 0.3202 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(194, 176, 183) }
```

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

```
.border{ border-color:rgb(194, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9389, 0.3228, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 183) }
```

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

```
.background{ background-color: rgb(194,  
176, 183) }
```

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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