

Converting Colors

$Yxy(48.5960, 0.3260, 0.3382)$

Have a look what the booklet for
Yxy(48.5960, 0.3260, 0.3382)
contains.

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Color

Yxy(48.7928, 0.3260, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8B1
RGB	193, 184, 177
RGB Percent	76%, 72%, 69%
CMY	0.2430, 0.2785, 0.3059
CMYK	0.00, 0.05, 0.08, 0.24
HSL	26°, 11%, 73%
HSV	26°, 8%, 76%
XYZ	47.0744, 48.7928, 48.5329
YIQ	185.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

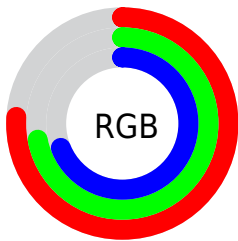
Format	Color
RYB	193, 189, 177
Decimal	12695729
CIELab	75.32, 1.97, 4.68
CIELCh	75, 5.073, 67.197
Yxy	48.7928, 0.3260, 0.3379
Android (android.graphics.Color)	4290885809 (0xFFC1B8B1)
YUV	185.8930, -4.3842, 6.2328
Hunter-Lab	69.8518, -1.9463, 7.7018

Details

The Yxy color **48.7928, 0.3260, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3333, 0.3000, 0.3199**, and the grayscale version is **49.0648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3431, 0.3230, 0.3360**, and **23.1768, 0.3297, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **43.7303, 0.3443, 0.3492**, and if you desaturate by 10%, it is **54.3163, 0.3102, 0.3272**.

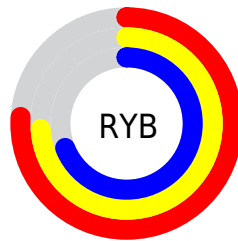
Distribution



Red (76%)

Green (72%)

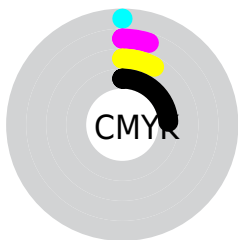
Blue (69%)



Red (76%)

Yellow (74%)

Blue (69%)

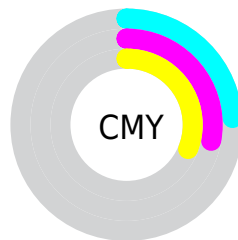


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7928, 0.3260, 0.3379 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 48.7928, 0.3260, 0.3379 by changing the saturation by 10% instead.

 48.7928, 0.3260,
0.3379

 48.7928, 0.3260,
0.3379

381.9260, 0.3194,
0.3335

 34.4551, 0.3276,
0.3390


 88.3836, 0.3236,
0.3363

 23.2435, 0.3297,
0.3404


114.4056, 0.3227,
0.3357

 14.7734, 0.3325,
0.3422

145.0911, 0.3219,
0.3352

 8.6605, 0.3364,
0.3447

180.8246, 0.3213,
0.3348

 4.5204, 0.3422,
0.3484

221.9905, 0.3207,
0.3344

 1.9687, 0.3517,
0.3543

268.9731, 0.3202,

 0.5892, 0.4022,

0.3341

0.3897

322.1568, 0.3198,
0.3338

0.0000, 0.0000,
0.0000

48.7928, 0.3260,
0.3379

48.7928, 0.3260,
0.3379

43.7303, 0.3443,
0.3492

54.3163, 0.3102,
0.3272

39.1100, 0.3653,
0.3610

60.3062, 0.2966,
0.3173

34.9212, 0.3892,
0.3728

66.7759, 0.2848,
0.3082

31.1503, 0.4159,
0.3840

73.7364, 0.2747,
0.2999

27.7827, 0.4449,
0.3937

79.9475, 0.2753,
0.3111

■ 24.8032, 0.4752,
0.4008

■ 86.4914, 0.2763,
0.3228

■ 22.1949, 0.5051,
0.4039

■ 90.0815, 0.2768,
0.3289

■ 19.9395, 0.5326,
0.4020

■ 18.0131, 0.5559,
0.3950

Harmonies

Analogous

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



48.7928, 0.3260, 0.3326



48.7928, 0.3260, 0.3379



48.7928, 0.3224, 0.3409

Triad

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



48.7928, 0.3260, 0.3379



48.7928, 0.3032, 0.3315



48.7928, 0.3091, 0.3177

Complementary

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



48.7928, 0.3260, 0.3379



48.3333, 0.3000, 0.3199

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.



48.7928, 0.3030, 0.3173



48.7928, 0.3260, 0.3379



48.7928, 0.2997, 0.3252

Square

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



48.7928, 0.3260, 0.3379



48.7928, 0.3092, 0.3372



48.7928, 0.2996, 0.3200



48.7928, 0.3161, 0.3210

Rectangle

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



48.7928, 0.3260, 0.3379



48.7928, 0.3185, 0.3411



48.7928, 0.2996, 0.3200



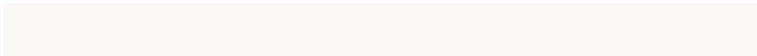
48.7928, 0.3069, 0.3172

Sweetspot

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



48.7949, 0.3260, 0.3379



93.4640, 0.3158, 0.3311



46.3359, 0.3193, 0.3175



20.0731, 0.3157, 0.3310



97.7402, 0.3127, 0.3290



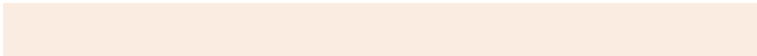
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.7949, 0.3260, 0.3379



85.6194, 0.3292, 0.3400



52.1986, 0.3250, 0.3478



10.7846, 0.3278, 0.3391



11.9314, 0.5576, 0.3955



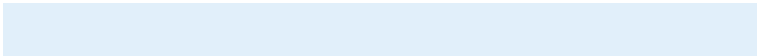
0.6524, 0.5192, 0.4259

Inverse Universe

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



48.3333, 0.3000, 0.3199



84.6209, 0.2972, 0.3178



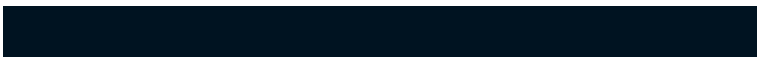
45.0685, 0.3000, 0.3095



10.6689, 0.2984, 0.3187



9.9693, 0.1837, 0.1812



0.5659, 0.1937, 0.2174

Previews

White Background



This preview shows how the Yxy color 48.7928, 0.3260, 0.3379 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 48.7928, 0.3260, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

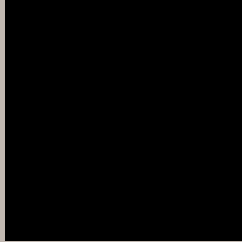
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7928, 0.3260, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 48.7928, 0.3260, 0.3379.

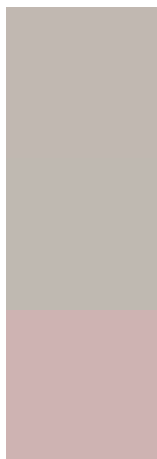


This preview shows how white text looks on a background with the Yxy color 48.7928, 0.3260, 0.3379.

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

48.7928, 0.3260, 0.3379

Protanopia

48.9486, 0.3241, 0.3392

Deuteranopia

48.5764, 0.3373, 0.3303



Tritanopia

48.7236, 0.3144, 0.3117

Trichromacy



Original Color

48.7928, 0.3260, 0.3379

Protanomaly

49.0787, 0.3250, 0.3392

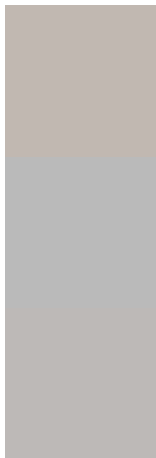
Deuteranomaly

48.6796, 0.3326, 0.3328

Tritanomaly

48.6888, 0.3190, 0.3215

Monochromacy



Original Color

48.7928, 0.3260, 0.3379

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9356, 0.3176, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7928, 0.3260, 0.3379 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(193, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 177)  
}
```

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(193, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.7928, 0.3260, 0.3379 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(193, 184, 177) }
```

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

```
.border{ border-color:rgb(193, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7928, 0.3260, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 177) }
```

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

```
.background{ background-color: rgb(193,  
184, 177) }
```

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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