

Converting Colors

$Yxy(48.4374, 0.3226, 0.3367)$

Have a look what the booklet for
Yxy(48.4374, 0.3226, 0.3367)
contains.

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Color

Yxy(48.4425, 0.3226, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	BEB8B2
RGB	190, 184, 178
RGB Percent	75%, 72%, 70%
CMY	0.2548, 0.2784, 0.3020
CMYK	0.00, 0.03, 0.06, 0.25
HSL	30°, 8%, 72%
HSV	30°, 6%, 75%
XYZ	46.4139, 48.4425, 49.0180
YIQ	185.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

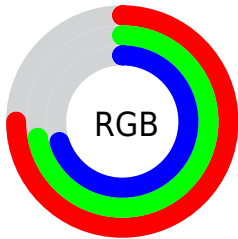
Format	Color
RYB	190, 190, 178
Decimal	12499122
CIELab	75.10, 1.05, 3.79
CIElCh	75, 3.934, 74.503
Yxy	48.4425, 0.3226, 0.3367
Android (android.graphics.Color)	4290689202 (0xFFBEB8B2)
YUV	185.1100, -3.5052, 4.2885
Hunter-Lab	69.6006, -2.7667, 6.9640

Details

The Yxy color **48.4425, 0.3226, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4668, 0.3031, 0.3212**, and the grayscale version is **48.5997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8535, 0.3204, 0.3350**, and **23.0316, 0.3262, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **43.9154, 0.3400, 0.3495**, and if you desaturate by 10%, it is **53.3450, 0.3074, 0.3247**.

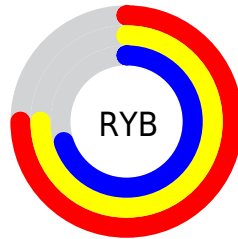
Distribution



Red (75%)

Green (72%)

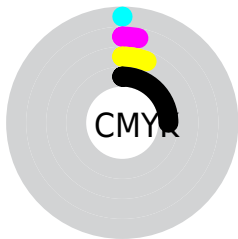
Blue (70%)



Red (75%)

Yellow (75%)

Blue (70%)

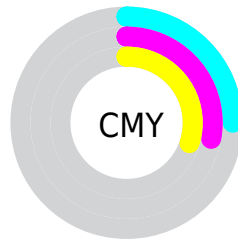


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4425, 0.3226, 0.3367 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 48.4425, 0.3226, 0.3367 by changing the saturation by 10% instead.


 48.4425, 0.3226,
0.3367

 48.4425, 0.3226,
0.3367


380.5434, 0.3177,
0.3329

 34.1774, 0.3238,
0.3376


 87.8629, 0.3208,
0.3353

 23.0299, 0.3254,
0.3388


113.7870, 0.3201,
0.3348

 14.6156, 0.3275,
0.3404

144.3662, 0.3196,
0.3344

 8.5501, 0.3304,
0.3427

179.9850, 0.3191,
0.3340

 4.4489, 0.3347,
0.3459

221.0277, 0.3187,
0.3337

 1.9277, 0.3418,
0.3513

267.8788, 0.3183,

 0.5650, 0.3808,

0.3334

320.9225, 0.3180,
0.3331

0.3823

0.0000, 0.0000,
0.0000

48.4425, 0.3226,
0.3367

48.4425, 0.3226,
0.3367

43.9154, 0.3400,
0.3495

53.3450, 0.3074,
0.3247

39.7479, 0.3598,
0.3628

58.6258, 0.2941,
0.3135

35.9321, 0.3820,
0.3762

64.2956, 0.2825,
0.3032

32.4577, 0.4066,
0.3891

70.3628, 0.2724,
0.2938

29.3134, 0.4329,
0.4007

75.6216, 0.2729,
0.3034

■ 26.4874, 0.4603,
0.4098

■ 81.1053, 0.2738,
0.3139

■ 23.9667, 0.4873,
0.4152

■ 86.8828, 0.2748,
0.3242

■ 21.7373, 0.5123,
0.4158

■ 89.6895, 0.2752,
0.3289

■ 19.7821, 0.5337,
0.4110

Harmonies

Analogous

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



48.4425, 0.3233, 0.3329



48.4425, 0.3226, 0.3367



48.4425, 0.3192, 0.3384

Triad

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



48.4425, 0.3226, 0.3367



48.4425, 0.3044, 0.3298



48.4425, 0.3112, 0.3206

Complementary

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



48.4425, 0.3226, 0.3367



47.4668, 0.3031, 0.3212

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.



48.4425, 0.3062, 0.3197



48.4425, 0.3226, 0.3367



48.4425, 0.3023, 0.3249

Square

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



48.4425, 0.3226, 0.3367



48.4425, 0.3087, 0.3344



48.4425, 0.3029, 0.3213



48.4425, 0.3167, 0.3237

Rectangle

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



48.4425, 0.3226, 0.3367



48.4425, 0.3160, 0.3382



48.4425, 0.3029, 0.3213



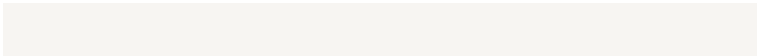
48.4425, 0.3094, 0.3201

Sweetspot

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



48.4446, 0.3226, 0.3367



91.5020, 0.3158, 0.3314



46.2559, 0.3181, 0.3211



20.1127, 0.3156, 0.3313



97.7402, 0.3127, 0.3290



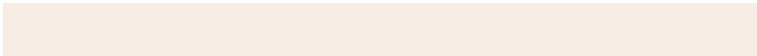
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4446, 0.3226, 0.3367



86.2440, 0.3256, 0.3390



50.9113, 0.3220, 0.3440



10.3027, 0.3276, 0.3405



12.8711, 0.5391, 0.4102



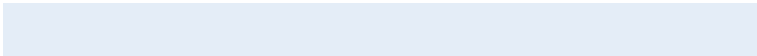
0.6350, 0.5030, 0.4388

Inverse Universe

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



47.4668, 0.3031, 0.3212



83.9959, 0.3003, 0.3188



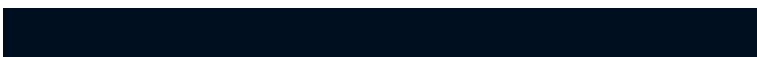
45.0993, 0.3032, 0.3135



9.9928, 0.2984, 0.3172



8.0786, 0.1777, 0.1598



0.4473, 0.1899, 0.2035

Previews

White Background



This preview shows how the Yxy color 48.4425, 0.3226, 0.3367 looks on a white background.

Color Contrast Check

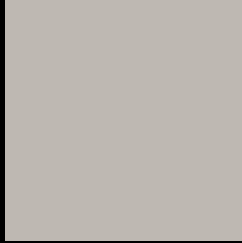
Large Text (above 18pt) WCAG AA × Fail

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 48.4425, 0.3226, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

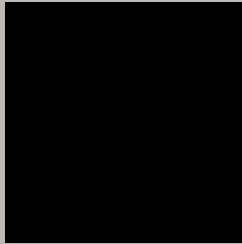
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

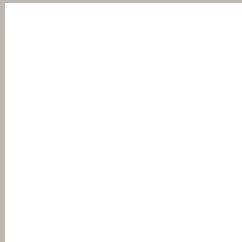
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4425, 0.3226, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 48.4425, 0.3226, 0.3367.

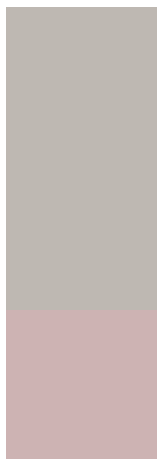


This preview shows how white text looks on a background with the Yxy color 48.4425, 0.3226, 0.3367.

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

48.4425, 0.3226, 0.3367

Protanopia

48.4425, 0.3226, 0.3367

Deuteranopia

48.4740, 0.3356, 0.3291



Tritanopia

48.3707, 0.3111, 0.3104

Trichromacy



Original Color

48.4425, 0.3226, 0.3367

Protanomaly

48.4425, 0.3226, 0.3367

Deuteranomaly

48.5818, 0.3308, 0.3315

Tritanomaly

48.3365, 0.3157, 0.3202

Monochromacy



Original Color

48.4425, 0.3226, 0.3367

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6401, 0.3167, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4425, 0.3226, 0.3367 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, 184, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 178)  
}
```

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, 184, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.4425, 0.3226, 0.3367 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, 184, 178) }
```

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

```
.border{ border-color:rgb(190, 184, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4425, 0.3226, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 178) }
```

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

```
.background{ background-color: rgb(190,  
184, 178) }
```

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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