

Converting Colors

Yxy(46.9063, 0.3166, 0.3346)

Have a look what the booklet for
Yxy(46.9063, 0.3166, 0.3346)
contains.

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Color

Yxy(46.7375, 0.3167, 0.3342)

Conversions

Conversions Part 1	
Format	Color
Hex	B7B6B2
RGB	183, 182, 178
RGB Percent	72%, 71%, 70%
CMY	0.2824, 0.2862, 0.3018
CMYK	0.00, 0.01, 0.03, 0.28
HSL	48°, 3%, 71%
HSV	48°, 3%, 72%
XYZ	44.2901, 46.7375, 48.8212
YIQ	181.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

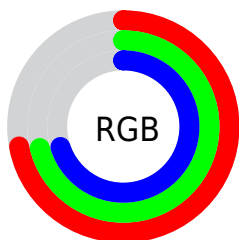
Format	Color
RYB	179, 183, 178
Decimal	12039858
CIELab	74.02, -0.39, 2.13
CIELCh	74, 2.166, 100.265
Yxy	46.7375, 0.3167, 0.3342
Android (android.graphics.Color)	4290229938 (0xFFB7B6B2)
YUV	181.8430, -1.8946, 1.0147
Hunter-Lab	68.3648, -3.9973, 5.5147

Details

The Yxy color $46.7375, 0.3167, 0.3342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.1253, 0.3087, 0.3237$, and the grayscale version is $46.6991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.4403, 0.3158, 0.3331$, and $21.9270, 0.3182, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $44.6057, 0.3322, 0.3540$, and if you desaturate by 10%, it is $49.0088, 0.3024, 0.3154$.

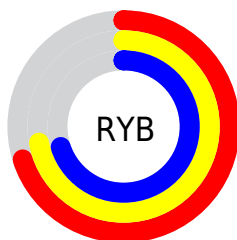
Distribution



Red (72%)

Green (71%)

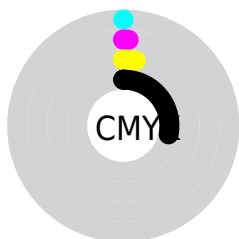
Blue (70%)



Red (70%)

Yellow (72%)

Blue (70%)

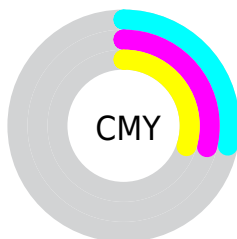


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7375, 0.3167, 0.3342 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 46.7375, 0.3167, 0.3342 by changing the saturation by 10% instead.


 46.7375, 0.3167,
0.3342

 46.7375, 0.3167,
0.3342


373.7658, 0.3147,
0.3316

 32.8282, 0.3172,
0.3348


 85.3217, 0.3160,
0.3333

 21.9949, 0.3178,
0.3357


110.7653, 0.3157,
0.3329

 13.8531, 0.3187,
0.3368

140.8225, 0.3155,
0.3326

 8.0186, 0.3199,
0.3384

175.8777, 0.3153,
0.3323

 4.1068, 0.3217,
0.3407

216.3152, 0.3151,
0.3321

 1.7335, 0.3246,
0.3446

262.5194, 0.3150,


 0.4452, 0.3463,


0.3319

0.3727


314.8748, 0.3148,
0.3318


 0.0000, 0.0000,
0.0000


 46.7375, 0.3167,
0.3342

 46.7375, 0.3167,
0.3342


 44.6057, 0.3322,
0.3540


 49.0088, 0.3024,
0.3154

 42.6033, 0.3486,
0.3745


 51.4175, 0.2893,
0.2977

 40.7279, 0.3659,
0.3950


 53.9693, 0.2775,
0.2813


 38.9748, 0.3834,
0.4149


 56.6678, 0.2668,
0.2662

 37.3389, 0.4006,
0.4333


 58.5457, 0.2651,
0.2666

 35.8148, 0.4169,
0.4492


 60.2213, 0.2655,
0.2708


 34.3961, 0.4315,
0.4617

 61.9360, 0.2659,
0.2750

 33.0760, 0.4437,
0.4699

 63.6900, 0.2664,
0.2791

 31.8461, 0.4531,
0.4735

 65.4835, 0.2668,
0.2833

Harmonies

Analogous

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



46.7375, 0.3184, 0.3331



46.7375, 0.3167, 0.3342



46.7375, 0.3140, 0.3339

Triad

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



46.7375, 0.3167, 0.3342



46.7375, 0.3070, 0.3271



46.7375, 0.3145, 0.3258

Complementary

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



46.7375, 0.3167, 0.3342



45.1253, 0.3087, 0.3237

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.



46.7375, 0.3115, 0.3242



46.7375, 0.3167, 0.3342



46.7375, 0.3071, 0.3249

Square

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



46.7375, 0.3167, 0.3342



46.7375, 0.3084, 0.3298



46.7375, 0.3088, 0.3239



46.7375, 0.3171, 0.3282

Rectangle

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



46.7375, 0.3167, 0.3342



46.7375, 0.3119, 0.3330



46.7375, 0.3088, 0.3239



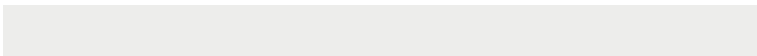
46.7375, 0.3135, 0.3251

Sweetspot

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



46.7395, 0.3167, 0.3342



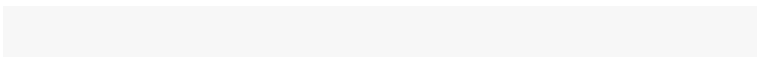
84.4026, 0.3142, 0.3309



45.1724, 0.3162, 0.3277



18.6466, 0.3141, 0.3308



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.7395, 0.3167, 0.3342



83.5977, 0.3172, 0.3349



46.9561, 0.3154, 0.3355



10.4679, 0.3182, 0.3362



21.7245, 0.4581, 0.4745



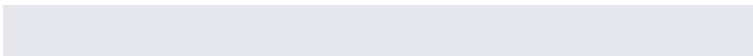
0.8432, 0.4464, 0.4838

Inverse Universe

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



45.1253, 0.3087, 0.3237



80.3430, 0.3082, 0.3231



44.9155, 0.3100, 0.3225



9.9693, 0.3072, 0.3217



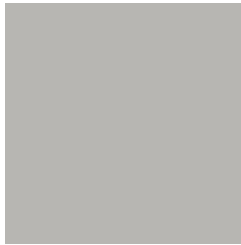
3.3348, 0.1558, 0.0807



0.2031, 0.1686, 0.1270

Previews

White Background



This preview shows how the Yxy color 46.7375, 0.3167, 0.3342 looks on a white background.

Color Contrast Check

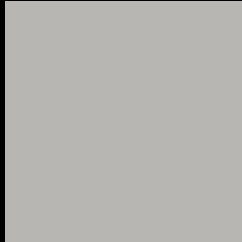
Large Text (above 18pt) WCAG AA × Fail

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 46.7375, 0.3167, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

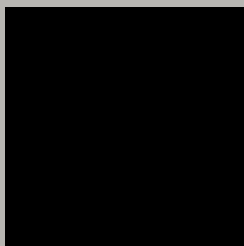
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7375, 0.3167, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 46.7375, 0.3167, 0.3342.



This preview shows how white text looks on a background with the Yxy color 46.7375, 0.3167, 0.3342.

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

46.7375, 0.3167, 0.3342

Protanopia

46.6612, 0.3202, 0.3342

Deuteranopia

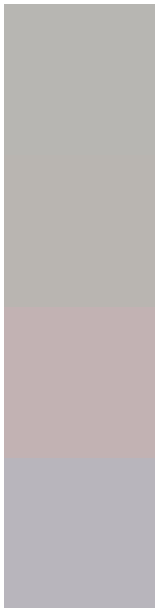
46.5847, 0.3316, 0.3253



Tritanopia

46.8518, 0.3059, 0.3112

Trichromacy



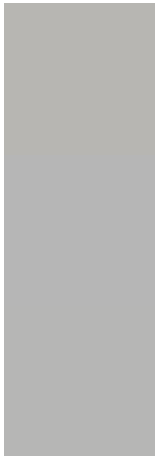
Original Color
46.7375, 0.3167, 0.3342

Protanomaly
46.5364, 0.3194, 0.3342

Deuteranomaly
46.5648, 0.3259, 0.3278

Tritanomaly
46.8689, 0.3097, 0.3200

Monochromacy



Original Color
46.7375, 0.3167, 0.3342

Achromatopsia
46.7784, 0.3127, 0.3290

Achromatomaly
46.7372, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7375, 0.3167, 0.3342 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(183, 182, 178) looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 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(183, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 178) }
```

Border

The CSS property to change the border of an element to Yxy 46.7375, 0.3167, 0.3342 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(183, 182, 178) }
```

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

```
.border{ border-color:rgb(183, 182, 178) }
```

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

Here you see how a box with a 4 pixel rgb(183, 182, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7375, 0.3167, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 178) }
```

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

```
.background{ background-color: rgb(183,  
182, 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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