

Converting Colors

$Yxy(46.9874, 0.3114, 0.3274)$

Have a look what the booklet for
Yxy(46.9874, 0.3114, 0.3274)
contains.

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Color

Yxy(46.8617, 0.3111, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6B8
RGB	182, 182, 184
RGB Percent	71%, 71%, 72%
CMY	0.2864, 0.2862, 0.2784
CMYK	0.01, 0.01, 0.00, 0.28
HSL	238°, 1%, 72%
HSV	238°, 1%, 72%
XYZ	44.6651, 46.8617, 52.0446
YIQ	182.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

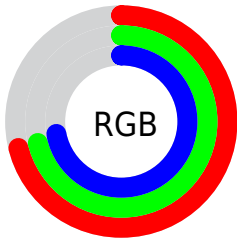
Format	Color
RYB	182, 182, 184
Decimal	11974328
CIELab	74.10, 0.36, -1.03
CIELCh	74, 1.090, 289.354
Yxy	46.8617, 0.3111, 0.3264
Android (android.graphics.Color)	4290164408 (0xFFB6B6B8)
YUV	182.2280, 0.8736, -0.2000
Hunter-Lab	68.4556, -3.3319, 2.8426

Details

The Yxy color **46.8617, 0.3111, 0.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8315, 0.3143, 0.3316**, and the grayscale version is **46.9038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6175, 0.3115, 0.3270**, and **22.0063, 0.3106, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **37.8920, 0.2955, 0.3013**, and if you desaturate by 10%, it is **57.0690, 0.3248, 0.3483**.

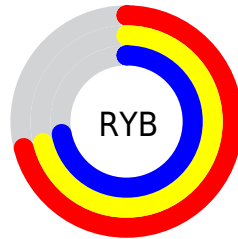
Distribution



Red (71%)

Green (71%)

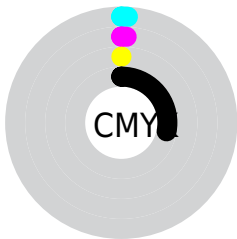
Blue (72%)



Red (71%)

Yellow (71%)

Blue (72%)

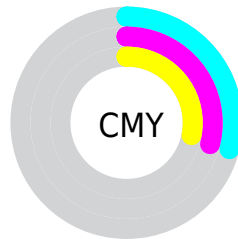


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (29%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8617, 0.3111, 0.3264 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 46.8617, 0.3111, 0.3264 by changing the saturation by 10% instead.


 46.8617, 0.3111,
0.3264

 46.8617, 0.3111,
0.3264


374.2622, 0.3119,
0.3277

 32.9263, 0.3109,
0.3261


 85.5071, 0.3114,
0.3269

 22.0700, 0.3106,
0.3257


110.9860, 0.3115,
0.3271

 13.9084, 0.3103,
0.3251

141.0815, 0.3116,
0.3272

 8.0570, 0.3098,
0.3243

176.1780, 0.3117,
0.3273

 4.1314, 0.3091,
0.3231

216.6600, 0.3118,
0.3274

 1.7473, 0.3079,
0.3212

262.9117, 0.3118,

 0.4540, 0.3015,

0.3275

0.3108

315.3177, 0.3119,
0.3276

0.0000, 0.0000,
0.0000

46.8617, 0.3111,
0.3264

46.8617, 0.3111,
0.3264

37.8920, 0.2955,
0.3013

57.0690, 0.3248,
0.3483

30.1073, 0.2780,
0.2729

68.5523, 0.3366,
0.3673

23.4597, 0.2586,
0.2415

81.3555, 0.3468,
0.3836

17.8962, 0.2380,
0.2078

95.4112, 0.3553,
0.3977

13.3592, 0.2169,
0.1732

96.2412, 0.3549,
0.3988

■ 9.7859, 0.1966,
0.1396

■ 7.1067, 0.1786,
0.1097

■ 5.2428, 0.1644,
0.0858

■ 4.1012, 0.1551,
0.0696

Harmonies

Analogous

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



46.8617, 0.3101, 0.3267



46.8617, 0.3111, 0.3264



46.8617, 0.3126, 0.3268

Triad

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



46.8617, 0.3111, 0.3264



46.8617, 0.3157, 0.3303



46.8617, 0.3114, 0.3303

Complementary

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



46.8617, 0.3111, 0.3264



47.8315, 0.3143, 0.3316

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.



46.8617, 0.3129, 0.3313



46.8617, 0.3111, 0.3264



46.8617, 0.3154, 0.3313

Square

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



46.8617, 0.3111, 0.3264



46.8617, 0.3152, 0.3290



46.8617, 0.3144, 0.3317



46.8617, 0.3102, 0.3290

Rectangle

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



46.8617, 0.3111, 0.3264



46.8617, 0.3136, 0.3273



46.8617, 0.3144, 0.3317



46.8617, 0.3119, 0.3307

Sweetspot

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



46.8637, 0.3111, 0.3264



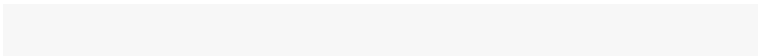
86.8899, 0.3127, 0.3290



47.6849, 0.3110, 0.3291



18.7317, 0.3127, 0.3290



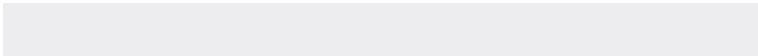
93.3107, 0.3127, 0.3290

Same Dimension

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



46.8637, 0.3111, 0.3264



85.1105, 0.3112, 0.3266



46.9586, 0.3119, 0.3263



10.4535, 0.3114, 0.3268



2.4734, 0.1506, 0.0620



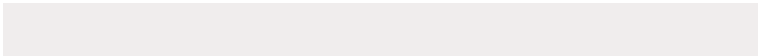
0.1000, 0.1528, 0.0700

Inverse Universe

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



47.0100, 0.3144, 0.3289



85.3526, 0.3143, 0.3289



47.7360, 0.3135, 0.3317



10.4807, 0.3141, 0.3289



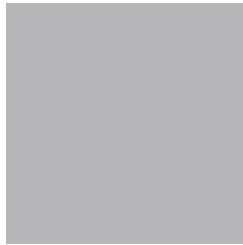
7.0320, 0.6367, 0.3281



0.2492, 0.6232, 0.3207

Previews

White Background



This preview shows how the Yxy color 46.8617, 0.3111, 0.3264 looks on a white background.

Color Contrast Check

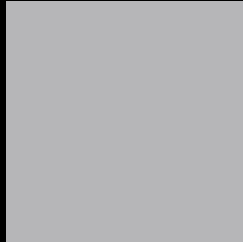
Large Text (above 18pt) WCAG AA × Fail

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 46.8617, 0.3111, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

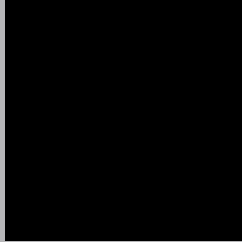
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

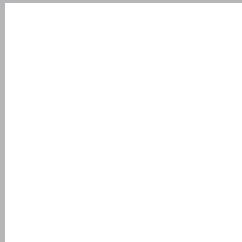
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8617, 0.3111, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 46.8617, 0.3111, 0.3264.

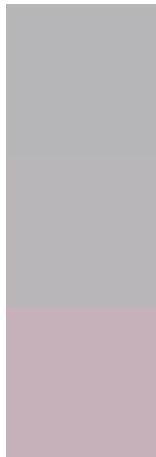


This preview shows how white text looks on a background with the Yxy color 46.8617, 0.3111, 0.3264.

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

46.8617, 0.3111, 0.3264

Protanopia

46.8227, 0.3138, 0.3251

Deuteranopia

46.5592, 0.3247, 0.3178



Tritanopia

46.7730, 0.3043, 0.3099

Trichromacy



Original Color

46.8617, 0.3111, 0.3264

Protanomaly

46.6988, 0.3129, 0.3251

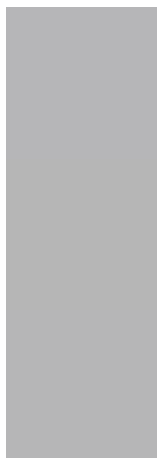
Deuteranomaly

46.5500, 0.3192, 0.3201

Tritanomaly

46.8766, 0.3066, 0.3161

Monochromacy



Original Color

46.8617, 0.3111, 0.3264

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8199, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8617, 0.3111, 0.3264 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(182, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 184)  
}
```

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(182, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 46.8617, 0.3111, 0.3264 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(182, 182, 184) }
```

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

```
.border{ border-color:rgb(182, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
184) }
```

Background

The CSS property to change the background color of an element to Yxy 46.8617, 0.3111, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 184) }
```

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

```
.background{ background-color: rgb(182,  
182, 184) }
```

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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