

Converting Colors

Yxy(46.5749, 0.3134, 0.3316)

Have a look what the booklet for
Yxy(46.5749, 0.3134, 0.3316)
contains.

Yxy(46.5749, 0.3134, 0.3316)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(46.5749, 0.3134, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	B5B6B4
RGB	181, 182, 180
RGB Percent	71%, 71%, 71%
CMY	0.2903, 0.2862, 0.2940
CMYK	0.01, 0.00, 0.01, 0.29
HSL	91°, 1%, 71%
HSV	91°, 1%, 71%
XYZ	44.0186, 46.5749, 49.8615
YIQ	181.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

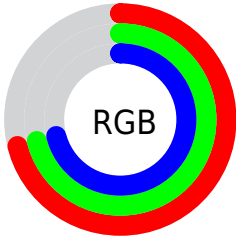
Format	Color
RYB	180, 182, 181
Decimal	11908788
CIELab	73.92, -0.73, 0.87
CIELCh	74, 1.137, 129.918
Yxy	46.5749, 0.3134, 0.3316
Android (android.graphics.Color)	4290098868 (0xFFB5B6B4)
YUV	181.4730, -0.7262, -0.4148
Hunter-Lab	68.2458, -4.2975, 4.4538

Details

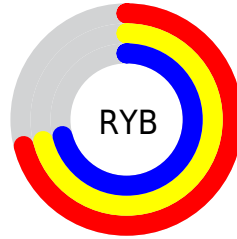
The Yxy color **46.5749, 0.3134, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8613, 0.3120, 0.3264**, and the grayscale version is **46.4813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2097, 0.3133, 0.3310**, and **21.8220, 0.3137, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **44.7703, 0.3197, 0.3567**, and if you desaturate by 10%, it is **48.5598, 0.3072, 0.3088**.

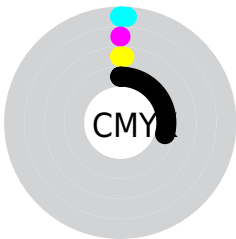
Distribution



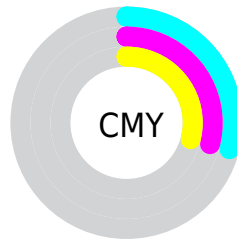
- Red (71%)
- Green (71%)
- Blue (71%)



- Red (71%)
- Yellow (71%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5749, 0.3134, 0.3316 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 46.5749, 0.3134, 0.3316 by changing the saturation by 10% instead.


 46.5749, 0.3134,
0.3316

 46.5749, 0.3134,
0.3316


373.1151, 0.3131,
0.3303

 32.6997, 0.3135,
0.3319


 85.0787, 0.3133,
0.3311

 21.8965, 0.3136,
0.3323


110.4762, 0.3132,
0.3310

 13.7809, 0.3137,
0.3329


140.4832, 0.3132,
0.3308

 7.9684, 0.3139,
0.3337

175.4841, 0.3132,
0.3307

 4.0747, 0.3142,
0.3348

215.8634, 0.3131,
0.3306

 1.7155, 0.3147,
0.3368

262.0054, 0.3131,

 0.4336, 0.3182,

0.3305

0.3499

314.2945, 0.3131,
0.3304

0.0000, 0.0000,
0.0000

46.5749, 0.3134,
0.3316

46.5749, 0.3134,
0.3316

44.7703, 0.3197,
0.3567

48.5598, 0.3072,
0.3088

43.1345, 0.3258,
0.3838

50.7239, 0.3012,
0.2882

41.6641, 0.3316,
0.4127

53.0743, 0.2955,
0.2698

40.3529, 0.3366,
0.4425

55.6154, 0.2901,
0.2534

39.1947, 0.3405,
0.4723

57.2761, 0.2958,
0.2530

■ 38.1826, 0.3429,
0.5008

■ 58.8836, 0.3031,
0.2546

■ 37.3089, 0.3433,
0.5263

■ 60.5785, 0.3104,
0.2563

■ 36.5654, 0.3417,
0.5475

■ 61.9405, 0.3161,
0.2575

■ 35.9422, 0.3380,
0.5633

Harmonies

Analogous

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



46.5749, 0.3148, 0.3317



46.5749, 0.3134, 0.3316



46.5749, 0.3118, 0.3308

Triad

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



46.5749, 0.3134, 0.3316



46.5749, 0.3098, 0.3269



46.5749, 0.3150, 0.3286

Complementary

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



46.5749, 0.3134, 0.3316



45.8613, 0.3120, 0.3264

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.



46.5749, 0.3137, 0.3273



46.5749, 0.3134, 0.3316



46.5749, 0.3106, 0.3263

Square

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



46.5749, 0.3134, 0.3316



46.5749, 0.3097, 0.3280



46.5749, 0.3120, 0.3265



46.5749, 0.3158, 0.3300

Rectangle

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



46.5749, 0.3134, 0.3316



46.5749, 0.3108, 0.3299



46.5749, 0.3120, 0.3265



46.5749, 0.3146, 0.3281

Sweetspot

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



46.5769, 0.3134, 0.3316



84.8088, 0.3127, 0.3290



46.3109, 0.3144, 0.3303



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.



46.5769, 0.3134, 0.3316



84.4578, 0.3134, 0.3314



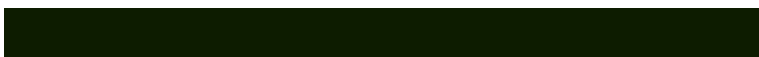
46.4642, 0.3126, 0.3316



10.6134, 0.3133, 0.3312



25.0862, 0.3344, 0.5727



0.9212, 0.3550, 0.5563

Inverse Universe

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



45.8613, 0.3120, 0.3264



83.2494, 0.3121, 0.3266



45.9748, 0.3129, 0.3265



10.4738, 0.3121, 0.3268



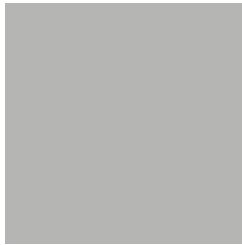
4.1541, 0.2083, 0.0921



0.1830, 0.2364, 0.1076

Previews

White Background



This preview shows how the Yxy color 46.5749, 0.3134, 0.3316 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 46.5749, 0.3134, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

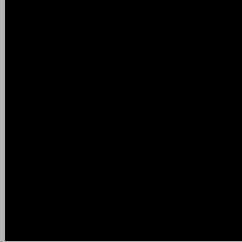
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

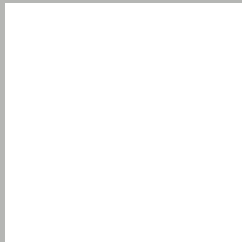
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5749, 0.3134, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 46.5749, 0.3134, 0.3316.



This preview shows how white text looks on a background with the Yxy color 46.5749, 0.3134, 0.3316.

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

46.5749, 0.3134, 0.3316

Protanopia

46.6167, 0.3178, 0.3316

Deuteranopia

46.5290, 0.3290, 0.3228



Tritanopia

46.6048, 0.3043, 0.3111

Trichromacy



Original Color

46.5749, 0.3134, 0.3316

Protanomaly

46.4928, 0.3169, 0.3316

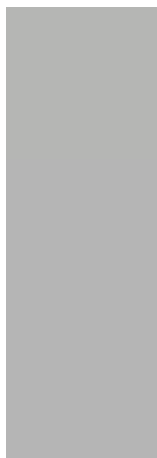
Deuteranomaly

46.3835, 0.3225, 0.3252

Tritanomaly

46.6670, 0.3073, 0.3187

Monochromacy



Original Color

46.5749, 0.3134, 0.3316

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2077, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5749, 0.3134, 0.3316 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(181, 182, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 180)  
}
```

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(181, 182, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 180) }
```

Border

The CSS property to change the border of an element to Yxy 46.5749, 0.3134, 0.3316 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(181, 182, 180) }
```

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

```
.border{ border-color:rgb(181, 182, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 182, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
180) }
```

Background

The CSS property to change the background color of an element to Yxy 46.5749, 0.3134, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 180) }
```

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

```
.background{ background-color: rgb(181,  
182, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor