

Converting Colors

Yxy(46.9043, 0.3137, 0.3341)

Have a look what the booklet for
Yxy(46.9043, 0.3137, 0.3341)
contains.

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Color

Yxy(46.9454, 0.3142, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	B5B7B3
RGB	181, 183, 179
RGB Percent	71%, 72%, 70%
CMY	0.2900, 0.2824, 0.2980
CMYK	0.01, 0.00, 0.02, 0.28
HSL	89°, 3%, 71%
HSV	89°, 2%, 72%
XYZ	44.1360, 46.9454, 49.3896
YIQ	181.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

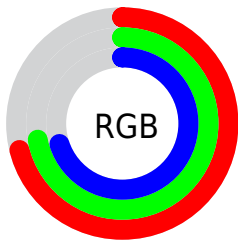
Format	Color
RYB	179, 183, 181
Decimal	11909043
CIELab	74.15, -1.41, 1.77
CIELCh	74, 2.263, 128.563
Yxy	46.9454, 0.3142, 0.3342
Android (android.graphics.Color)	4290099123 (0xFFB5B7B3)
YUV	181.9460, -1.4524, -0.8296
Hunter-Lab	68.5167, -4.9210, 5.2231

Details

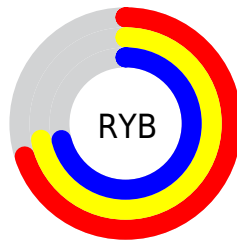
The Yxy color $46.9454, 0.3142, 0.3342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.4820, 0.3112, 0.3238$, and the grayscale version is $46.7613, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.7357, 0.3138, 0.3331$, and $22.0608, 0.3147, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $45.2111, 0.3211, 0.3595$, and if you desaturate by 10%, it is $48.8510, 0.3074, 0.3111$.

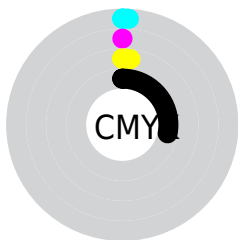
Distribution



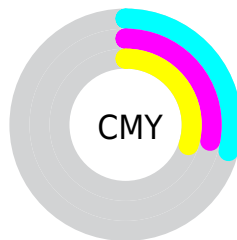
- Red (71%)
- Green (72%)
- Blue (70%)



- Red (70%)
- Yellow (72%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9454, 0.3142, 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 46.9454, 0.3142, 0.3342 by changing the saturation by 10% instead.


 46.9454, 0.3142,
0.3342

 46.9454, 0.3142,
0.3342


374.5965, 0.3135,
0.3316

 32.9925, 0.3144,
0.3349


 85.6321, 0.3139,
0.3333

 22.1207, 0.3146,
0.3357


111.1347, 0.3138,
0.3329

 13.9456, 0.3149,
0.3368


141.2560, 0.3137,
0.3326

 8.0828, 0.3154,
0.3384

176.3804, 0.3137,
0.3323

 4.1480, 0.3160,
0.3407

216.8922, 0.3136,
0.3321

 1.7567, 0.3171,
0.3447

263.1759, 0.3136,

 0.4600, 0.3248,

0.3319

0.3710

315.6159, 0.3135,
0.3318

0.0000, 0.0000,
0.0000

46.9454, 0.3142,
0.3342

46.9454, 0.3142,
0.3342

45.2111, 0.3211,
0.3595

48.8510, 0.3074,
0.3111

43.6370, 0.3278,
0.3867

50.9267, 0.3009,
0.2902

42.2197, 0.3341,
0.4154

53.1793, 0.2947,
0.2715

40.9533, 0.3396,
0.4448

55.6131, 0.2888,
0.2547

39.8318, 0.3440,
0.4740

57.1930, 0.2936,
0.2535

■ 38.8485, 0.3466,
0.5016

■ 58.6695, 0.3003,
0.2550

■ 37.9960, 0.3473,
0.5262

■ 60.2219, 0.3072,
0.2565

■ 37.2662, 0.3459,
0.5463

■ 61.8515, 0.3140,
0.2580

■ 36.6494, 0.3422,
0.5610

■ 62.3422, 0.3160,
0.2585

Harmonies

Analogous

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



46.9454, 0.3170, 0.3344



46.9454, 0.3142, 0.3342



46.9454, 0.3110, 0.3326

Triad

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



46.9454, 0.3142, 0.3342



46.9454, 0.3068, 0.3249



46.9454, 0.3172, 0.3280

Complementary

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



46.9454, 0.3142, 0.3342



45.4820, 0.3112, 0.3238

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.



46.9454, 0.3144, 0.3255



46.9454, 0.3142, 0.3342



46.9454, 0.3084, 0.3237

Square

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



46.9454, 0.3142, 0.3342



46.9454, 0.3068, 0.3272



46.9454, 0.3112, 0.3239



46.9454, 0.3187, 0.3308

Rectangle

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



46.9454, 0.3142, 0.3342



46.9454, 0.3091, 0.3310



46.9454, 0.3112, 0.3239



46.9454, 0.3164, 0.3271

Sweetspot

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



46.9474, 0.3142, 0.3342



84.4725, 0.3134, 0.3314



46.3424, 0.3160, 0.3315



18.6612, 0.3134, 0.3313



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.



46.9474, 0.3142, 0.3342



83.8092, 0.3148, 0.3363



46.7107, 0.3125, 0.3342



10.5006, 0.3153, 0.3380



25.3205, 0.3392, 0.5689



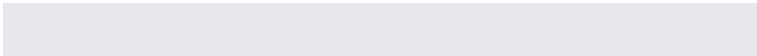
0.9293, 0.3591, 0.5530

Inverse Universe

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



45.4820, 0.3112, 0.3238



80.1450, 0.3106, 0.3217



45.7219, 0.3129, 0.3238



9.9392, 0.3101, 0.3200



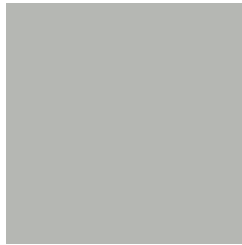
3.9137, 0.2012, 0.0882



0.1748, 0.2304, 0.1043

Previews

White Background



This preview shows how the Yxy color 46.9454, 0.3142, 0.3342 looks on a white background.

Color Contrast Check

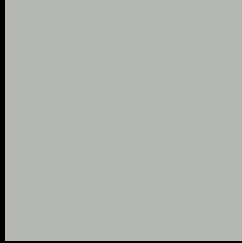
Large Text (above 18pt) WCAG AA × Fail

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 46.9454, 0.3142, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

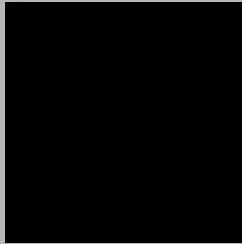
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

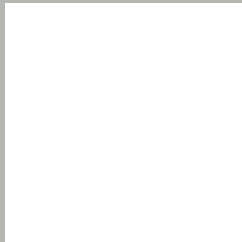
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9454, 0.3142, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 46.9454, 0.3142, 0.3342.



This preview shows how white text looks on a background with the Yxy color 46.9454, 0.3142, 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

46.9454, 0.3142, 0.3342

Protanopia

46.7012, 0.3194, 0.3329

Deuteranopia

46.6253, 0.3307, 0.3241



Tritanopia

47.0552, 0.3035, 0.3111

Trichromacy



Original Color

46.9454, 0.3142, 0.3342

Protanomaly

46.8606, 0.3176, 0.3342

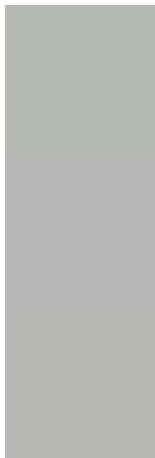
Deuteranomaly

46.8729, 0.3241, 0.3278

Tritanomaly

47.0751, 0.3072, 0.3200

Monochromacy



Original Color

46.9454, 0.3142, 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 46.9454, 0.3142, 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(181, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 179)  
}
```

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, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 179) }
```

Border

The CSS property to change the border of an element to Yxy 46.9454, 0.3142, 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(181, 183, 179) }
```

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

```
.border{ border-color:rgb(181, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9454, 0.3142, 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(181, 183, 179) }
```

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

```
.background{ background-color: rgb(181,  
183, 179) }
```

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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