

Converting Colors

$Yxy(46.2330, 0.3131, 0.3366)$

Have a look what the booklet for
Yxy(46.2330, 0.3131, 0.3366)
contains.

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Color

Yxy(46.0952, 0.3133, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	B2B6B1
RGB	178, 182, 177
RGB Percent	70%, 71%, 69%
CMY	0.3018, 0.2863, 0.3059
CMYK	0.02, 0.00, 0.03, 0.29
HSL	107°, 3%, 70%
HSV	107°, 3%, 71%
XYZ	43.0323, 46.0952, 48.2241
YIQ	180.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

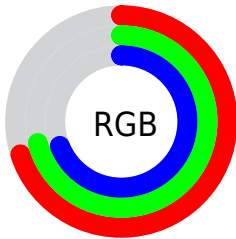
Format	Color
RYB	177, 182, 181
Decimal	11712177
CIELab	73.61, -2.31, 2.04
CIELCh	74, 3.081, 138.441
Yxy	46.0952, 0.3133, 0.3356
Android (android.graphics.Color)	4289902257 (0xFFB2B6B1)
YUV	180.2340, -1.5944, -1.9592
Hunter-Lab	67.8934, -5.6766, 5.4122

Details

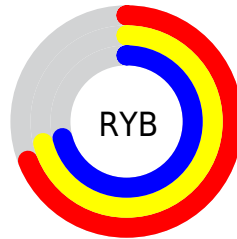
The Yxy color **46.0952, 0.3133, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6384, 0.3121, 0.3225**, and the grayscale version is **45.7877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5247, 0.3131, 0.3341**, and **21.5157, 0.3135, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **43.8066, 0.3153, 0.3615**, and if you desaturate by 10%, it is **48.6627, 0.3111, 0.3126**.

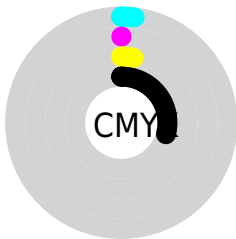
Distribution



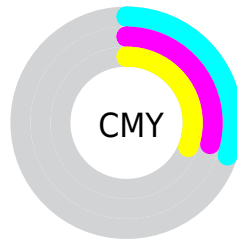
- Red (70%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0952, 0.3133, 0.3356 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 46.0952, 0.3133, 0.3356 by changing the saturation by 10% instead.

■ 46.0952, 0.3133,
0.3356

■ 46.0952, 0.3133,
0.3356

371.1913, 0.3130,
0.3323

■ 32.3210, 0.3134,
0.3364

■ 84.3615, 0.3132,
0.3344

■ 21.6068, 0.3135,
0.3375

109.6223, 0.3132,
0.3339

■ 13.5682, 0.3136,
0.3390

139.4807, 0.3131,
0.3336

■ 7.8210, 0.3137,
0.3410

174.3212, 0.3131,
0.3332

■ 3.9806, 0.3140,
0.3441

214.5281, 0.3131,
0.3329

■ 1.6627, 0.3143,
0.3493

260.4858, 0.3131,

■ 0.3993, 0.3186,

0.3327

0.3936

312.5787, 0.3130,
0.3325

0.0000, 0.0000,
0.0000

46.0952, 0.3133,
0.3356

46.0952, 0.3133,
0.3356

43.8066, 0.3153,
0.3615

48.6627, 0.3111,
0.3126

41.7817, 0.3172,
0.3903

51.5119, 0.3090,
0.2922

40.0127, 0.3186,
0.4215

54.6532, 0.3069,
0.2745

38.4891, 0.3195,
0.4544

58.0948, 0.3048,
0.2589

37.1999, 0.3195,
0.4877

60.9787, 0.3121,
0.2566

■ 36.1330, 0.3187,
0.5196

■ 61.9319, 0.3161,
0.2575

■ 35.2754, 0.3168,
0.5480

■ 34.6123, 0.3138,
0.5707

■ 34.1272, 0.3102,
0.5863

Harmonies

Analogous

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



46.0952, 0.3174, 0.3365



46.0952, 0.3133, 0.3356



46.0952, 0.3090, 0.3329

Triad

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



46.0952, 0.3133, 0.3356



46.0952, 0.3052, 0.3226



46.0952, 0.3197, 0.3289

Complementary

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



46.0952, 0.3133, 0.3356



44.6384, 0.3121, 0.3225

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.



46.0952, 0.3164, 0.3252



46.0952, 0.3133, 0.3356



46.0952, 0.3080, 0.3216

Square

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



46.0952, 0.3133, 0.3356



46.0952, 0.3043, 0.3253



46.0952, 0.3121, 0.3226



46.0952, 0.3212, 0.3326

Rectangle

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



46.0952, 0.3133, 0.3356



46.0952, 0.3067, 0.3304



46.0952, 0.3121, 0.3226



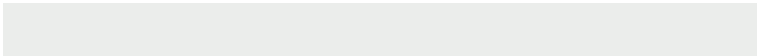
46.0952, 0.3188, 0.3276

Sweetspot

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



46.0972, 0.3133, 0.3356



84.3500, 0.3129, 0.3314



46.1291, 0.3168, 0.3341



18.6356, 0.3129, 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.



46.0972, 0.3133, 0.3356



83.4480, 0.3134, 0.3364



46.0301, 0.3113, 0.3337



10.4453, 0.3135, 0.3381



23.9448, 0.3081, 0.5935



0.8710, 0.3261, 0.5793

Inverse Universe

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



44.6384, 0.3121, 0.3225



80.5102, 0.3120, 0.3217



44.7075, 0.3142, 0.3243



9.9952, 0.3119, 0.3200



6.5838, 0.2689, 0.1255



0.2564, 0.2831, 0.1333

Previews

White Background



This preview shows how the Yxy color 46.0952, 0.3133, 0.3356 looks on a white background.

Color Contrast Check

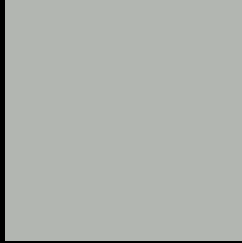
Large Text (above 18pt) WCAG AA × Fail

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 46.0952, 0.3133, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

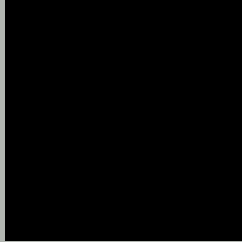
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

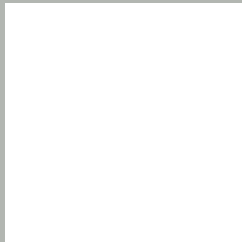
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0952, 0.3133, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 46.0952, 0.3133, 0.3356.



This preview shows how white text looks on a background with the Yxy color 46.0952, 0.3133, 0.3356.

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

46.0952, 0.3133, 0.3356

Protanopia

46.0914, 0.3203, 0.3342

Deuteranopia

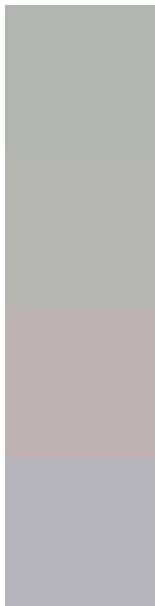
46.0164, 0.3317, 0.3253



Tritanopia

45.9590, 0.3026, 0.3097

Trichromacy



Original Color

46.0952, 0.3133, 0.3356

Protanomaly

46.1274, 0.3176, 0.3356

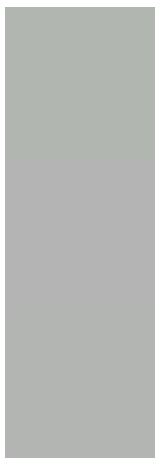
Deuteranomaly

46.1315, 0.3241, 0.3290

Tritanomaly

45.9767, 0.3064, 0.3186

Monochromacy



Original Color

46.0952, 0.3133, 0.3356

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8861, 0.3126, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0952, 0.3133, 0.3356 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(178, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 182, 177)  
}
```

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(178, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 182, 177) }
```

Border

The CSS property to change the border of an element to Yxy 46.0952, 0.3133, 0.3356 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(178, 182, 177) }
```

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

```
.border{ border-color:rgb(178, 182, 177) }
```

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

Here you see how a box with a 4 pixel rgb(178, 182, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 182,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0952, 0.3133, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 182, 177) }
```

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

```
.background{ background-color: rgb(178,  
182, 177) }
```

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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