

Converting Colors

$Yxy(46.5394, 0.3189, 0.3338)$

Have a look what the booklet for
Yxy(46.5394, 0.3189, 0.3338)
contains.

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Color

Yxy(46.5364, 0.3194, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	B9B5B1
RGB	185, 181, 177
RGB Percent	73%, 71%, 69%
CMY	0.2743, 0.2902, 0.3059
CMYK	0.00, 0.02, 0.04, 0.27
HSL	30°, 5%, 71%
HSV	30°, 4%, 73%
XYZ	44.4755, 46.5364, 48.2352
YIQ	181.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

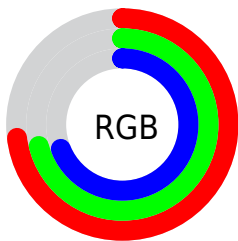
Format	Color
RYB	185, 185, 177
Decimal	12170673
CIELab	73.89, 0.71, 2.52
CIELCh	74, 2.622, 74.256
Yxy	46.5364, 0.3194, 0.3342
Android (android.graphics.Color)	4290360753 (0xFFB9B5B1)
YUV	181.7400, -2.3368, 2.8590
Hunter-Lab	68.2176, -3.0049, 5.8296

Details

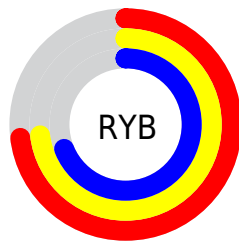
The Yxy color $46.5364, 0.3194, 0.3342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.9245, 0.3062, 0.3237$, and the grayscale version is $46.6460, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.1523, 0.3179, 0.3331$, and $21.7991, 0.3219, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $42.1812, 0.3364, 0.3467$, and if you desaturate by 10%, it is $51.2500, 0.3046, 0.3225$.

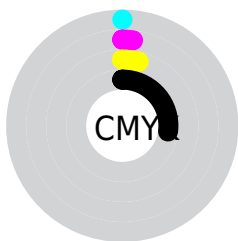
Distribution



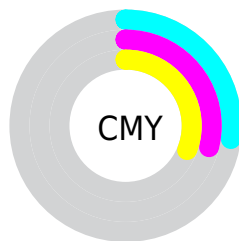
- Red (73%)
- Green (71%)
- Blue (69%)



- Red (73%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5364, 0.3194, 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 46.5364, 0.3194, 0.3342 by changing the saturation by 10% instead.

■ 46.5364, 0.3194,
0.3342

■ 46.5364, 0.3194,
0.3342

372.9610, 0.3161,
0.3316

■ 32.6693, 0.3202,
0.3348

■ 85.0212, 0.3182,
0.3333

■ 21.8732, 0.3213,
0.3357

110.4077, 0.3177,
0.3329

■ 13.7638, 0.3228,
0.3368

140.4028, 0.3173,
0.3326

■ 7.9566, 0.3248,
0.3383

175.3909, 0.3170,
0.3324

■ 4.0672, 0.3278,
0.3406

215.7563, 0.3167,
0.3321

■ 1.7112, 0.3329,
0.3445

261.8836, 0.3165,

■ 0.4309, 0.3711,

0.3319

0.3745

314.1570, 0.3163,
0.3318

0.0000, 0.0000,
0.0000

46.5364, 0.3194,
0.3342

46.5364, 0.3194,
0.3342

42.1812, 0.3364,
0.3467

51.2500, 0.3046,
0.3225

38.1693, 0.3556,
0.3598

56.3244, 0.2917,
0.3116

34.4933, 0.3774,
0.3731

61.7699, 0.2805,
0.3015

31.1436, 0.4015,
0.3861

67.5944, 0.2707,
0.2923

28.1095, 0.4277,
0.3979

72.8344, 0.2696,
0.2988

■ 25.3801, 0.4550,
0.4076

■ 78.0979, 0.2707,
0.3093

■ 22.9433, 0.4824,
0.4138

■ 83.6426, 0.2717,
0.3195

■ 20.7859, 0.5081,
0.4153

■ 89.0599, 0.2726,
0.3289

■ 18.8930, 0.5304,
0.4115

Harmonies

Analogous

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



46.5364, 0.3198, 0.3317



46.5364, 0.3194, 0.3342



46.5364, 0.3172, 0.3354

Triad

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



46.5364, 0.3194, 0.3342



46.5364, 0.3071, 0.3296



46.5364, 0.3117, 0.3233

Complementary

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



46.5364, 0.3194, 0.3342



45.9245, 0.3062, 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.



46.5364, 0.3083, 0.3227



46.5364, 0.3194, 0.3342



46.5364, 0.3057, 0.3263

Square

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



46.5364, 0.3194, 0.3342



46.5364, 0.3101, 0.3327



46.5364, 0.3061, 0.3238



46.5364, 0.3154, 0.3254

Rectangle

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



46.5364, 0.3194, 0.3342



46.5364, 0.3150, 0.3352



46.5364, 0.3061, 0.3238



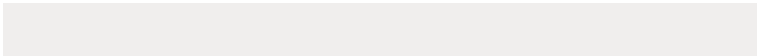
46.5364, 0.3105, 0.3229

Sweetspot

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



46.5384, 0.3194, 0.3342



86.0404, 0.3142, 0.3302



45.1089, 0.3164, 0.3236



18.5581, 0.3142, 0.3301



93.3107, 0.3127, 0.3290



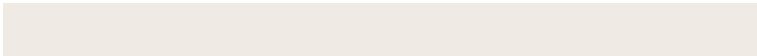
18.7317, 0.3127, 0.3290

Same Dimension

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



46.5384, 0.3194, 0.3342



82.7083, 0.3206, 0.3351



48.1554, 0.3190, 0.3393



10.0901, 0.3214, 0.3357



12.3457, 0.5400, 0.4094



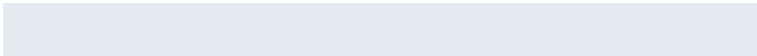
0.5591, 0.5010, 0.4404

Inverse Universe

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



45.9245, 0.3062, 0.3237



81.4294, 0.3050, 0.3228



44.3516, 0.3063, 0.3185



9.9179, 0.3042, 0.3222



7.8972, 0.1782, 0.1614



0.4021, 0.1912, 0.2082

Previews

White Background



This preview shows how the Yxy color 46.5364, 0.3194, 0.3342 looks on a white background.

Color Contrast Check

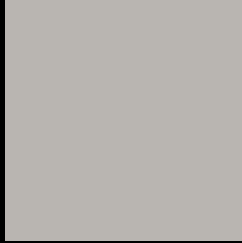
Large Text (above 18pt) WCAG AA × Fail

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 46.5364, 0.3194, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

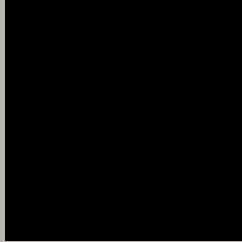
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

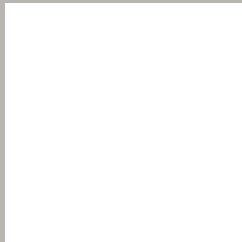
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5364, 0.3194, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 46.5364, 0.3194, 0.3342.



This preview shows how white text looks on a background with the Yxy color 46.5364, 0.3194, 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

46.5364, 0.3194, 0.3342

Protanopia

46.6612, 0.3202, 0.3342

Deuteranopia

46.5444, 0.3324, 0.3266



Tritanopia

46.6553, 0.3084, 0.3112

Trichromacy



Original Color

46.5364, 0.3194, 0.3342

Protanomaly

46.6612, 0.3202, 0.3342

Deuteranomaly

46.6572, 0.3277, 0.3290

Tritanomaly

46.6695, 0.3123, 0.3200

Monochromacy



Original Color

46.5364, 0.3194, 0.3342

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8185, 0.3152, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5364, 0.3194, 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(185, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 181, 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(185, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 46.5364, 0.3194, 0.3342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

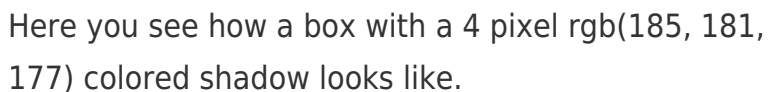
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 181, 177) }
```

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

```
.border{ border-color:rgb(185, 181, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 181, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 181, 177); box-shadow:4px 4px 4px 4px rgb(185, 181, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5364, 0.3194, 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(185, 181, 177) }
```

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

```
.background{ background-color: rgb(185,  
181, 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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