

Converting Colors

Yxy(44.9992, 0.3207, 0.3461)

Have a look what the booklet for
Yxy(44.9992, 0.3207, 0.3461)
contains.

Yxy(44.9346, 0.3206, 0.3451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9346, 0.3206, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	B2B4A8
RGB	178, 180, 168
RGB Percent	70%, 71%, 66%
CMY	0.3021, 0.2941, 0.3411
CMYK	0.01, 0.00, 0.07, 0.29
HSL	70°, 7%, 68%
HSV	70°, 7%, 71%
XYZ	41.7445, 44.9346, 43.5284
YIQ	178.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

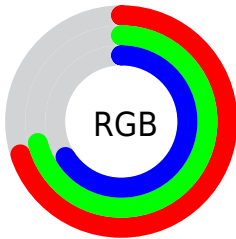
Format	Color
RYB	168, 180, 170
Decimal	11711656
CIELab	72.85, -2.90, 5.85
CIELCh	73, 6.535, 116.389
Yxy	44.9346, 0.3206, 0.3451
Android (android.graphics.Color)	4289901736 (0xFFB2B4A8)
YUV	178.0340, -4.9468, -0.0298
Hunter-Lab	67.0333, -6.1486, 8.4231

Details

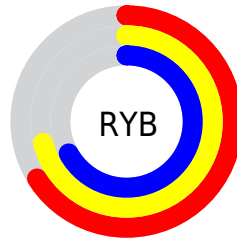
The Yxy color $44.9346, 0.3206, 0.3451$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.8625, 0.3045, 0.3126$, and the grayscale version is $44.5643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8110, 0.3195, 0.3425$, and $20.7997, 0.3225, 0.3494$ is the 20% darker color. If you saturate the color by 10%, you get $43.9517, 0.3326, 0.3703$, and if you desaturate by 10%, it is $46.0224, 0.3088, 0.3212$.

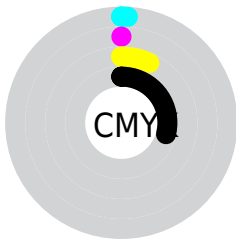
Distribution



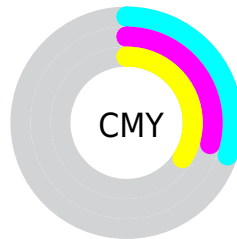
- Red (70%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9346, 0.3206, 0.3451 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 44.9346, 0.3206, 0.3451 by changing the saturation by 10% instead.

■ 44.9346, 0.3206,
0.3451

■ 44.9346, 0.3206,
0.3451

366.5086, 0.3167,
0.3370

■ 31.4059, 0.3216,
0.3472

■ 82.6223, 0.3192,
0.3421

■ 20.9081, 0.3229,
0.3498

107.5500, 0.3186,
0.3410

■ 13.0569, 0.3245,
0.3535

137.0463, 0.3182,
0.3401

■ 7.4677, 0.3269,
0.3586

171.4954, 0.3178,
0.3393

■ 3.7563, 0.3304,
0.3664

211.2818, 0.3174,
0.3386

■ 1.5382, 0.3362,
0.3798

256.7899, 0.3172,

■ 0.3154, 0.4205,

0.3380

0.5795

308.4040, 0.3169,
0.3374

0.0000, 0.0000,
0.0000

44.9346, 0.3206,
0.3451

44.9346, 0.3206,
0.3451

43.9517, 0.3326,
0.3703

46.0224, 0.3088,
0.3212

43.0641, 0.3446,
0.3962

47.2130, 0.2976,
0.2988

42.2695, 0.3562,
0.4221

48.5116, 0.2870,
0.2781

41.5636, 0.3668,
0.4472

49.9217, 0.2771,
0.2593

40.9416, 0.3759,
0.4703

51.2497, 0.2698,
0.2449

■ 40.3982, 0.3830,
0.4906

■ 51.6589, 0.2720,
0.2454

■ 39.9273, 0.3878,
0.5070

■ 52.0766, 0.2742,
0.2460

■ 39.5220, 0.3900,
0.5190

■ 52.5028, 0.2764,
0.2465

■ 39.1729, 0.3898,
0.5267

■ 52.9375, 0.2787,
0.2470

Harmonies

Analogous

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



44.9346, 0.3278, 0.3437



44.9346, 0.3206, 0.3451



44.9346, 0.3114, 0.3420

Triad

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



44.9346, 0.3206, 0.3451



44.9346, 0.2949, 0.3192



44.9346, 0.3228, 0.3228

Complementary

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



44.9346, 0.3206, 0.3451



39.8625, 0.3045, 0.3126

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.



44.9346, 0.3139, 0.3165



44.9346, 0.3206, 0.3451



44.9346, 0.2978, 0.3143

Square

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



44.9346, 0.3206, 0.3451



44.9346, 0.2966, 0.3269



44.9346, 0.3047, 0.3134



44.9346, 0.3291, 0.3308

Rectangle

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



44.9346, 0.3206, 0.3451



44.9346, 0.3054, 0.3378



44.9346, 0.3047, 0.3134



44.9346, 0.3200, 0.3205

Sweetspot

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



44.9365, 0.3206, 0.3451



82.3542, 0.3151, 0.3339



41.2896, 0.3236, 0.3317



17.8043, 0.3150, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.9365, 0.3206, 0.3451



81.1917, 0.3224, 0.3487



44.2484, 0.3154, 0.3454



9.8318, 0.3238, 0.3517



27.2844, 0.3899, 0.5286



0.8778, 0.3986, 0.5217

Inverse Universe

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



39.8625, 0.3045, 0.3126



70.0666, 0.3026, 0.3087



40.5407, 0.3099, 0.3128



8.2976, 0.3011, 0.3056



2.5213, 0.1584, 0.0647



0.1005, 0.1823, 0.0778

Previews

White Background



This preview shows how the Yxy color 44.9346, 0.3206, 0.3451 looks on a white background.

Color Contrast Check

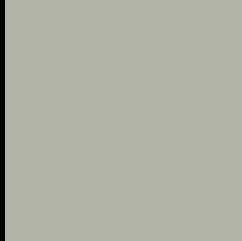
Large Text (above 18pt) WCAG AA × Fail

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 44.9346, 0.3206, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

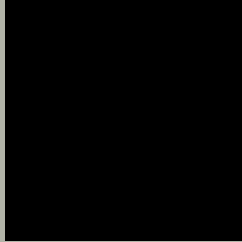
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

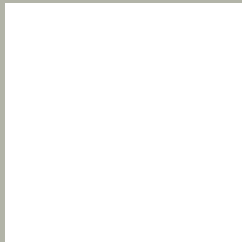
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9346, 0.3206, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 44.9346, 0.3206, 0.3451.



This preview shows how white text looks on a background with the Yxy color 44.9346, 0.3206, 0.3451.

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

44.9346, 0.3206, 0.3451

Protanopia

44.9451, 0.3280, 0.3436

Deuteranopia

44.8938, 0.3399, 0.3342



Tritanopia

45.0296, 0.3050, 0.3108

Trichromacy



Original Color

44.9346, 0.3206, 0.3451

Protanomaly

44.9753, 0.3251, 0.3450

Deuteranomaly

44.9916, 0.3320, 0.3381

Tritanomaly

44.9630, 0.3104, 0.3224

Monochromacy



Original Color

44.9346, 0.3206, 0.3451

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7612, 0.3159, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9346, 0.3206, 0.3451 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, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 168)  
}
```

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, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.9346, 0.3206, 0.3451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

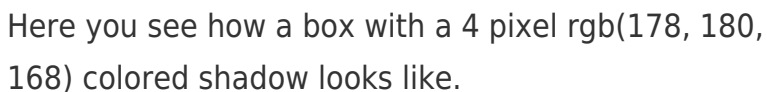
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 180, 168) }
```

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

```
.border{ border-color:rgb(178, 180, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 180, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 180, 168); box-shadow:4px 4px 4px 4px rgb(178, 180, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9346, 0.3206, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 168) }
```

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

```
.background{ background-color: rgb(178,  
180, 168) }
```

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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