

Converting Colors

$Yxy(44.8527, 0.3180, 0.3355)$

Have a look what the booklet for
Yxy(44.8527, 0.3180, 0.3355)
contains.

Yxy(44.9995, 0.3176, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9995, 0.3176, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	B4B3AE
RGB	180, 179, 174
RGB Percent	71%, 70%, 68%
CMY	0.2941, 0.2980, 0.3175
CMYK	0.00, 0.01, 0.03, 0.29
HSL	50°, 4%, 69%
HSV	50°, 3%, 71%
XYZ	42.5859, 44.9995, 46.5013
YIQ	178.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

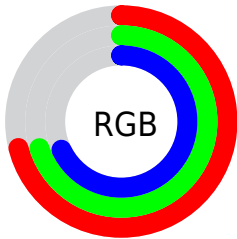
Format	Color
RYB	175, 180, 174
Decimal	11842478
CIELab	72.89, -0.55, 2.65
CIELCh	73, 2.704, 101.787
Yxy	44.9995, 0.3176, 0.3356
Android (android.graphics.Color)	4290032558 (0xFFB4B3AE)
YUV	178.7290, -2.3314, 1.1147
Hunter-Lab	67.0817, -4.0745, 5.8571

Details

The Yxy color **44.9995, 0.3176, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9733, 0.3078, 0.3223**, and the grayscale version is **44.9416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9067, 0.3171, 0.3352**, and **20.8389, 0.3184, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **43.1420, 0.3330, 0.3561**, and if you desaturate by 10%, it is **46.9817, 0.3033, 0.3161**.

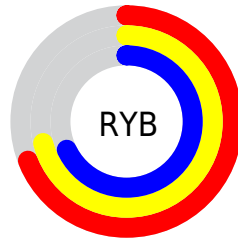
Distribution



Red (71%)

Green (70%)

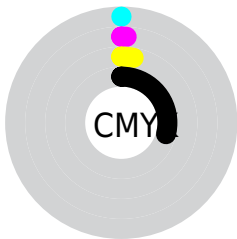
Blue (68%)



Red (69%)

Yellow (71%)

Blue (68%)

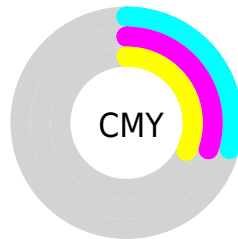


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9995, 0.3176, 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 44.9995, 0.3176, 0.3356 by changing the saturation by 10% instead.

■ 44.9995, 0.3176,
0.3356

■ 44.9995, 0.3176,
0.3356

366.7715, 0.3151,
0.3323

■ 31.4570, 0.3182,
0.3364

■ 82.7197, 0.3167,
0.3344

■ 20.9471, 0.3190,
0.3375

107.6661, 0.3164,
0.3339

■ 13.0853, 0.3201,
0.3390

137.1828, 0.3161,
0.3336

■ 7.4873, 0.3216,
0.3410

171.6539, 0.3158,
0.3332

■ 3.7687, 0.3238,
0.3441

211.4639, 0.3156,
0.3329

■ 1.5450, 0.3277,
0.3494

256.9973, 0.3155,

■ 0.3201, 0.3755,

0.3327

0.4134

308.6384, 0.3153,
0.3325

0.0000, 0.0000,
0.0000

44.9995, 0.3176,
0.3356

44.9995, 0.3176,
0.3356

43.1420, 0.3330,
0.3561

46.9817, 0.3033,
0.3161

41.3996, 0.3493,
0.3772

49.0866, 0.2901,
0.2977

39.7701, 0.3662,
0.3982

51.3196, 0.2781,
0.2807

38.2490, 0.3832,
0.4186

53.6839, 0.2672,
0.2651

36.8316, 0.3997,
0.4373

55.5871, 0.2624,
0.2595

■ 35.5126, 0.4151,
0.4534

■ 56.9539, 0.2628,
0.2631

■ 34.2862, 0.4287,
0.4660

■ 58.3484, 0.2632,
0.2667

■ 33.1456, 0.4398,
0.4743

■ 59.7709, 0.2636,
0.2703

■ 32.0829, 0.4480,
0.4781

■ 61.2215, 0.2640,
0.2739

Harmonies

Analogous

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



44.9995, 0.3198, 0.3343



44.9995, 0.3176, 0.3356



44.9995, 0.3141, 0.3352

Triad

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



44.9995, 0.3176, 0.3356



44.9995, 0.3054, 0.3265



44.9995, 0.3152, 0.3250

Complementary

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



44.9995, 0.3176, 0.3356



42.9733, 0.3078, 0.3223

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.



44.9995, 0.3113, 0.3230



44.9995, 0.3176, 0.3356



44.9995, 0.3057, 0.3238

Square

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



44.9995, 0.3176, 0.3356



44.9995, 0.3071, 0.3299



44.9995, 0.3078, 0.3225



44.9995, 0.3184, 0.3281

Rectangle

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



44.9995, 0.3176, 0.3356



44.9995, 0.3115, 0.3339



44.9995, 0.3078, 0.3225



44.9995, 0.3139, 0.3242

Sweetspot

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



45.0014, 0.3176, 0.3356



82.3969, 0.3142, 0.3310



43.0887, 0.3171, 0.3276



17.8130, 0.3141, 0.3309



91.1408, 0.3127, 0.3290



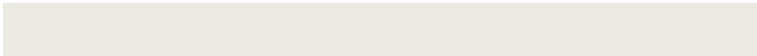
17.8868, 0.3127, 0.3290

Same Dimension

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



45.0014, 0.3176, 0.3356



81.3299, 0.3187, 0.3371



45.1813, 0.3159, 0.3370



9.8501, 0.3196, 0.3383



22.0021, 0.4520, 0.4793



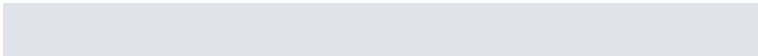
0.7568, 0.4415, 0.4876

Inverse Universe

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



42.9733, 0.3078, 0.3223



76.8454, 0.3067, 0.3208



42.8013, 0.3095, 0.3210



9.2292, 0.3058, 0.3195



3.0300, 0.1546, 0.0766



0.1657, 0.1672, 0.1217

Previews

White Background



This preview shows how the Yxy color 44.9995, 0.3176, 0.3356 looks on a white background.

Color Contrast Check

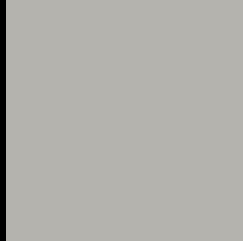
Large Text (above 18pt) WCAG AA × Fail

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 44.9995, 0.3176, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

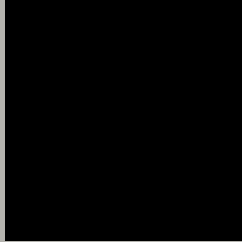
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

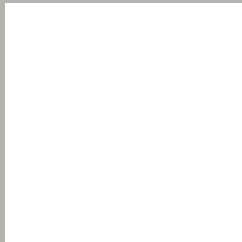
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9995, 0.3176, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 44.9995, 0.3176, 0.3356.



This preview shows how white text looks on a background with the Yxy color 44.9995, 0.3176, 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

44.9995, 0.3176, 0.3356

Protanopia

44.9252, 0.3212, 0.3356

Deuteranopia

44.8526, 0.3327, 0.3265



Tritanopia

45.1071, 0.3066, 0.3122

Trichromacy



Original Color

44.9995, 0.3176, 0.3356

Protanomaly

44.8030, 0.3203, 0.3356

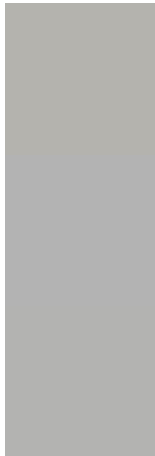
Deuteranomaly

44.8315, 0.3270, 0.3290

Tritanomaly

45.1252, 0.3105, 0.3211

Monochromacy



Original Color

44.9995, 0.3176, 0.3356

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9982, 0.3143, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9995, 0.3176, 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(180, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 174)  
}
```

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(180, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.9995, 0.3176, 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(180, 179, 174) }
```

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

```
.border{ border-color:rgb(180, 179, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9995, 0.3176, 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(180, 179, 174) }
```

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

```
.background{ background-color: rgb(180,  
179, 174) }
```

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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