

Converting Colors

Yxy(41.4674, 0.3181, 0.3191)

Have a look what the booklet for
Yxy(41.4674, 0.3181, 0.3191)
contains.

Yxy(41.4556, 0.3186, 0.3197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.4556, 0.3186, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	B6A9B0
RGB	182, 169, 176
RGB Percent	71%, 66%, 69%
CMY	0.2863, 0.3372, 0.3098
CMYK	0.00, 0.07, 0.03, 0.29
HSL	328°, 8%, 69%
HSV	328°, 7%, 71%
XYZ	41.3130, 41.4556, 46.9018
YIQ	173.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

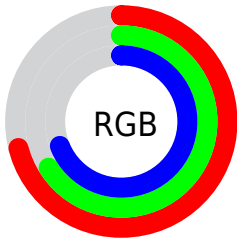
Format	Color
RYB	182, 169, 176
Decimal	11970992
CIELab	70.49, 5.93, -1.92
CIELCh	70, 6.234, 342.085
Yxy	41.4556, 0.3186, 0.3197
Android (android.graphics.Color)	4290161072 (0xFFB6A9B0)
YUV	173.6850, 1.1413, 7.2923
Hunter-Lab	64.3860, 1.8581, 1.8806

Details

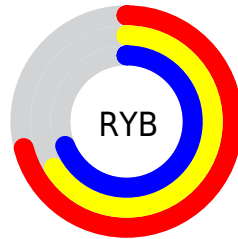
The Yxy color $41.4556, 0.3186, 0.3197$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.9792, 0.3072, 0.3385$, and the grayscale version is $42.1494, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3146, 0.3173, 0.3208$, and $18.8449, 0.3197, 0.3162$ is the 20% darker color. If you saturate the color by 10%, you get $34.8288, 0.3283, 0.3060$, and if you desaturate by 10%, it is $49.0489, 0.3106, 0.3326$.

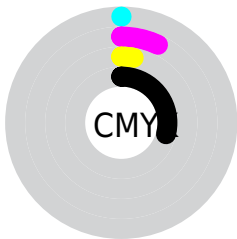
Distribution



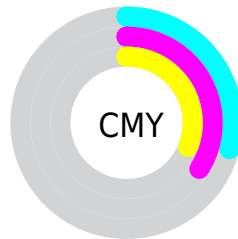
- Red (71%)
- Green (66%)
- Blue (69%)



- Red (71%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4556, 0.3186, 0.3197 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 41.4556, 0.3186, 0.3197 by changing the saturation by 10% instead.


 41.4556, 0.3186,
0.3197


 41.4556, 0.3186,
0.3197


352.2212, 0.3156,
0.3244

 28.6753, 0.3194,
0.3185


 77.3750, 0.3175,
0.3214

 18.8353, 0.3203,
0.3169


 101.2829, 0.3171,
0.3221

 11.5513, 0.3217,
0.3149


129.6687, 0.3168,
0.3226

 6.4390, 0.3236,
0.3119

162.9169, 0.3165,
0.3231

 3.1138, 0.3264,
0.3074

201.4119, 0.3162,
0.3235

 1.1914, 0.3314,
0.2996

245.5380, 0.3160,

 0.0547, 0.4421,

0.3238

0.1229

295.6796, 0.3158,
0.3241

0.0000, 0.0000,
0.0000

41.4556, 0.3186,
0.3197

41.4556, 0.3186,
0.3197

34.8288, 0.3283,
0.3060

49.0489, 0.3106,
0.3326

29.1240, 0.3398,
0.2919

57.6402, 0.3039,
0.3447

24.3013, 0.3534,
0.2777

67.2661, 0.2984,
0.3559

20.3158, 0.3693,
0.2641

77.9597, 0.2938,
0.3661

17.1183, 0.3874,
0.2519

86.5204, 0.2898,
0.3704

■ 14.6549, 0.4075,
0.2424

■ 86.9702, 0.2854,
0.3607

■ 12.8644, 0.4290,
0.2366

■ 87.4425, 0.2811,
0.3512

■ 11.6758, 0.4511,
0.2356

■ 87.9377, 0.2769,
0.3419

■ 10.9875, 0.4728,
0.2397

■ 88.4559, 0.2728,
0.3327

Harmonies

Analogous

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



41.4556, 0.3094, 0.3148



41.4556, 0.3186, 0.3197



41.4556, 0.3263, 0.3270

Triad

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



41.4556, 0.3186, 0.3197



41.4556, 0.3242, 0.3447



41.4556, 0.2955, 0.3227

Complementary

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



41.4556, 0.3186, 0.3197



44.9792, 0.3072, 0.3385

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.



41.4556, 0.2993, 0.3309



41.4556, 0.3186, 0.3197



41.4556, 0.3158, 0.3437

Square

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



41.4556, 0.3186, 0.3197



41.4556, 0.3295, 0.3414



41.4556, 0.3067, 0.3386



41.4556, 0.2962, 0.3165

Rectangle

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



41.4556, 0.3186, 0.3197



41.4556, 0.3295, 0.3323



41.4556, 0.3067, 0.3386



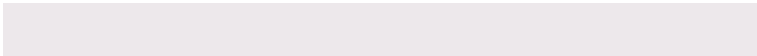
41.4556, 0.2963, 0.3253

Sweetspot

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



41.4574, 0.3186, 0.3197



81.9691, 0.3143, 0.3264



40.8526, 0.3071, 0.3115



18.1366, 0.3142, 0.3265



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.



41.4574, 0.3186, 0.3197



72.6067, 0.3204, 0.3170



41.2119, 0.3241, 0.3282



9.0911, 0.3206, 0.3167



7.6617, 0.4767, 0.2400



0.2824, 0.4262, 0.2122

Inverse Universe

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



41.4574, 0.3186, 0.3197



72.6067, 0.3204, 0.3170



45.2345, 0.3023, 0.3298



9.0911, 0.3206, 0.3167



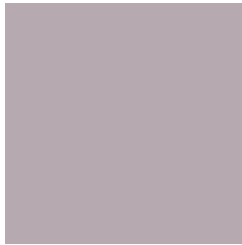
7.6617, 0.4767, 0.2400



0.2824, 0.4262, 0.2122

Previews

White Background



This preview shows how the Yxy color 41.4556, 0.3186, 0.3197 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 41.4556, 0.3186, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

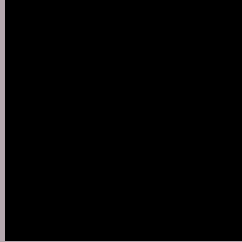
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

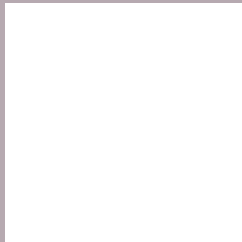
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4556, 0.3186, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 41.4556, 0.3186, 0.3197.



This preview shows how white text looks on a background with the Yxy color 41.4556, 0.3186, 0.3197.

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

41.4556, 0.3186, 0.3197

Protanopia

41.6780, 0.3104, 0.3222

Deuteranopia

41.3368, 0.3234, 0.3172



Tritanopia

41.4087, 0.3153, 0.3119

Trichromacy



Original Color

41.4556, 0.3186, 0.3197

Protanomaly

41.6473, 0.3131, 0.3209

Deuteranomaly

41.4541, 0.3215, 0.3185

Tritanomaly

41.3272, 0.3170, 0.3145

Monochromacy



Original Color

41.4556, 0.3186, 0.3197

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9473, 0.3147, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4556, 0.3186, 0.3197 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(182, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(182, 169, 176)  
}
```

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(182, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 169, 176) }
```

Border

The CSS property to change the border of an element to Yxy 41.4556, 0.3186, 0.3197 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(182, 169, 176) }
```

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

```
.border{ border-color:rgb(182, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(182, 169,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4556, 0.3186, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 169, 176) }
```

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

```
.background{ background-color: rgb(182,  
169, 176) }
```

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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