

Converting Colors

$Y_{xy}(42.6602, 0.3177, 0.3139)$

Have a look what the booklet for
Yxy(42.6602, 0.3177, 0.3139)
contains.

| | |
|--|----|
| Yxy(42.5660, 0.3171, 0.3134) | 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(42.5660, 0.3171, 0.3134)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BAAAB6 |
| RGB | 186, 170, 182 |
| RGB Percent | 73%, 67%, 71% |
| CMY | 0.2705, 0.3333, 0.2864 |
| CMYK | 0.00, 0.09, 0.02, 0.27 |
| HSL | 315°, 10%, 70% |
| HSV | 315°, 9%, 73% |
| XYZ | 43.0685, 42.5660, 50.1855 |
| YIQ | 176.1520, 5.6840, 7.1240 |

Conversions

Conversions Part 2

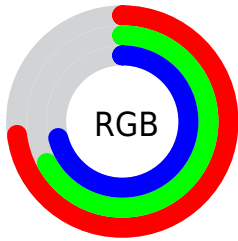
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 186, 170, 182 |
| Decimal | 12233398 |
| CIE Lab | 71.26, 7.92, -4.04 |
| CIE LCh | 71, 8.895, 332.961 |
| Yxy | 42.5660, 0.3171, 0.3134 |
| Android (android.graphics.Color) | 4290423478 (0xFFBAAAB6) |
| YUV | 176.1520, 2.8831, 8.6367 |
| Hunter-Lab | 65.2426, 3.6584, 0.0632 |

Details

The Yxy color **42.5660, 0.3171, 0.3134** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7298, 0.3086, 0.3451**, and the grayscale version is **43.4831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9007, 0.3161, 0.3158**, and **19.5284, 0.3187, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **35.8888, 0.3230, 0.2946**, and if you desaturate by 10%, it is **50.2403, 0.3121, 0.3315**.

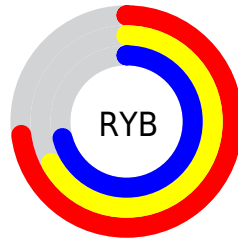
Distribution



Red (73%)

Green (67%)

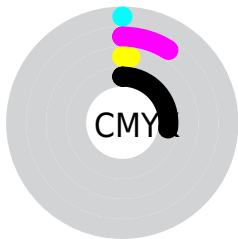
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

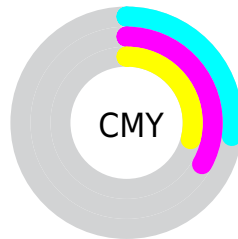


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (27%)



Cyan (27%)


Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5660, 0.3171, 0.3134 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 42.5660, 0.3171, 0.3134 by changing the saturation by 10% instead.

 42.5660, 0.3171,
0.3134

 42.5660, 0.3171,
0.3134

356.8239, 0.3149,
0.3212

 29.5447, 0.3176,
0.3114


 79.0555, 0.3163,
0.3163

 19.4933, 0.3183,
0.3089


103.2926, 0.3160,
0.3173

 12.0273, 0.3193,
0.3055

132.0370, 0.3158,
0.3182

 6.7622, 0.3205,
0.3008

165.6733, 0.3155,
0.3190

 3.3139, 0.3224,
0.2936

204.5857, 0.3154,
0.3197

 1.2977, 0.3256,
0.2816

249.1586, 0.3152,

 0.1394, 0.3622,

0.3203

0.1549

299.7766, 0.3151,
0.3208

0.0000, 0.0000,
0.0000

42.5660, 0.3171,
0.3134

42.5660, 0.3171,
0.3134

35.8888, 0.3230,
0.2946

50.2403, 0.3121,
0.3315

30.1618, 0.3298,
0.2754

58.9449, 0.3078,
0.3485

25.3426, 0.3375,
0.2565

68.7185, 0.3042,
0.3644

21.3837, 0.3462,
0.2386

79.5960, 0.3012,
0.3790

18.2328, 0.3556,
0.2226

86.3923, 0.2986,
0.3845

■ 15.8323, 0.3656,
0.2097

■ 86.6235, 0.2961,
0.3790

■ 14.1167, 0.3758,
0.2007

■ 86.8615, 0.2936,
0.3736

■ 13.0093, 0.3860,
0.1963

■ 87.1065, 0.2911,
0.3682

■ 12.3809, 0.3959,
0.1961

■ 87.3586, 0.2887,
0.3628

Harmonies

Analogous

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



42.5660, 0.3042, 0.3080



42.5660, 0.3171, 0.3134



42.5660, 0.3290, 0.3228

Triad

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



42.5660, 0.3171, 0.3134



42.5660, 0.3318, 0.3504



42.5660, 0.2894, 0.3234

Complementary

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



42.5660, 0.3171, 0.3134



46.7298, 0.3086, 0.3451

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.



42.5660, 0.2965, 0.3352



42.5660, 0.3171, 0.3134



42.5660, 0.3209, 0.3510

Square

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



42.5660, 0.3171, 0.3134



42.5660, 0.3376, 0.3440



42.5660, 0.3080, 0.3454



42.5660, 0.2884, 0.3135

Rectangle

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



42.5660, 0.3171, 0.3134



42.5660, 0.3347, 0.3301



42.5660, 0.3080, 0.3454



42.5660, 0.2912, 0.3273

Sweetspot

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



42.5678, 0.3171, 0.3134



84.6440, 0.3142, 0.3236



41.2956, 0.3031, 0.3075



18.3917, 0.3146, 0.3221



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.5678, 0.3171, 0.3134



75.1408, 0.3180, 0.3105



42.2479, 0.3239, 0.3238



9.1229, 0.3175, 0.3121



8.2896, 0.3961, 0.1956



0.3016, 0.3728, 0.1828

Inverse Universe

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



42.5678, 0.3171, 0.3134



75.1408, 0.3180, 0.3105



47.0499, 0.3026, 0.3343



9.1229, 0.3175, 0.3121



8.2896, 0.3961, 0.1956



0.3016, 0.3728, 0.1828

Previews

White Background



This preview shows how the Yxy color 42.5660, 0.3171, 0.3134 looks on a white background.

Color Contrast Check

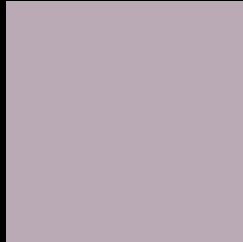
Large Text (above 18pt) WCAG AA × Fail

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 42.5660, 0.3171, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

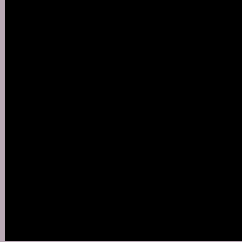
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5660, 0.3171, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 42.5660, 0.3171, 0.3134.



This preview shows how white text looks on a background with the Yxy color 42.5660, 0.3171, 0.3134.

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

42.5660, 0.3171, 0.3134

Protanopia

42.4618, 0.3055, 0.3143

Deuteranopia

42.4447, 0.3190, 0.3121



Tritanopia

42.6075, 0.3162, 0.3121

Trichromacy



Original Color

42.5660, 0.3171, 0.3134

Protanomaly

42.5077, 0.3099, 0.3144

Deuteranomaly

42.3181, 0.3180, 0.3121

Tritanomaly

42.6075, 0.3162, 0.3121

Monochromacy



Original Color

42.5660, 0.3171, 0.3134

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1898, 0.3147, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5660, 0.3171, 0.3134 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(186, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 170, 182)  
}
```

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(186, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 170, 182) }
```

Border

The CSS property to change the border of an element to Yxy 42.5660, 0.3171, 0.3134 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(186, 170, 182) }
```

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

```
.border{ border-color:rgb(186, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 170,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5660, 0.3171, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 170, 182) }
```

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

```
.background{ background-color: rgb(186,  
170, 182) }
```

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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