

Converting Colors

$Y_{xy}(42.3648, 0.3152, 0.3087)$

Have a look what the booklet for
Yxy(42.3648, 0.3152, 0.3087)
contains.

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Color

Yxy(42.3178, 0.3146, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9B9
RGB	186, 169, 185
RGB Percent	73%, 66%, 73%
CMY	0.2705, 0.3373, 0.2745
CMYK	0.00, 0.09, 0.01, 0.27
HSL	304°, 11%, 70%
HSV	304°, 9%, 73%
XYZ	43.1966, 42.3178, 51.7919
YIQ	175.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

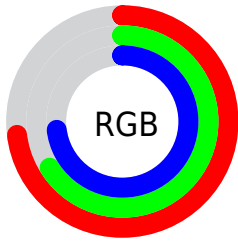
Format	Color
R _Y B	186, 169, 185
Decimal	12233145
CIE Lab	71.09, 9.04, -5.97
CIE LCh	71, 10.828, 326.555
Yxy	42.3178, 0.3146, 0.3082
Android (android.graphics.Color)	4290423225 (0xFFBAA9B9)
YUV	175.9070, 4.4828, 8.8516
Hunter-Lab	65.0521, 4.6881, -1.6679

Details

The Yxy color $42.3178, 0.3146, 0.3082$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.4600, 0.3109, 0.3507$, and the grayscale version is $43.3409, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5394, 0.3142, 0.3118$, and $19.3751, 0.3152, 0.3024$ is the 20% darker color. If you saturate the color by 10%, you get $35.8376, 0.3169, 0.2849$, and if you desaturate by 10%, it is $49.7866, 0.3125, 0.3309$.

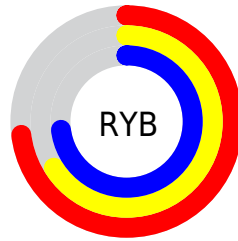
Distribution



Red (73%)

Green (66%)

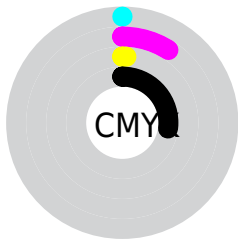
Blue (73%)



Red (73%)

Yellow (66%)

Blue (73%)

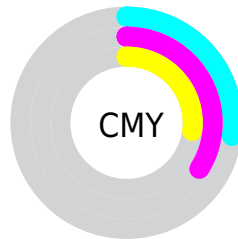


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3178, 0.3146, 0.3082 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 42.3178, 0.3146, 0.3082 by changing the saturation by 10% instead.

 42.3178, 0.3146,
0.3082


 42.3178, 0.3146,
0.3082


355.7987, 0.3137,
0.3186

 29.3502, 0.3148,
0.3056


 78.6804, 0.3143,
0.3120

 19.3459, 0.3151,
0.3022


 102.8442, 0.3142,
0.3134

 11.9205, 0.3154,
0.2978


131.5088, 0.3141,
0.3146

 6.6896, 0.3158,
0.2915

165.0587, 0.3140,
0.3156

 3.2687, 0.3163,
0.2822

203.8782, 0.3139,
0.3165

 1.2736, 0.3169,
0.2666

248.3518, 0.3138,

 0.1206, 0.3337,

0.3173

0.1201

298.8638, 0.3138,
0.3180

0.0000, 0.0000,
0.0000

42.3178, 0.3146,
0.3082

42.3178, 0.3146,
0.3082

35.8376, 0.3169,
0.2849

49.7866, 0.3125,
0.3309

30.2991, 0.3193,
0.2614

58.2775, 0.3107,
0.3525

25.6599, 0.3219,
0.2388

67.8291, 0.3091,
0.3728

21.8722, 0.3245,
0.2177

78.4762, 0.3076,
0.3916

18.8836, 0.3272,
0.1991

85.7004, 0.3066,
0.4020

■ 16.6362, 0.3297,
0.1840

■ 85.7489, 0.3060,
0.4007

■ 15.0641, 0.3321,
0.1729

■ 85.7978, 0.3054,
0.3995

■ 14.0899, 0.3342,
0.1661

■ 85.8470, 0.3049,
0.3982

■ 13.5739, 0.3362,
0.1629

■ 85.8966, 0.3043,
0.3969

Harmonies

Analogous

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



42.3178, 0.2992, 0.3029



42.3178, 0.3146, 0.3082



42.3178, 0.3298, 0.3187

Triad

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



42.3178, 0.3146, 0.3082



42.3178, 0.3381, 0.3539



42.3178, 0.2857, 0.3251

Complementary

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



42.3178, 0.3146, 0.3082



46.4600, 0.3109, 0.3507

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.



42.3178, 0.2956, 0.3395



42.3178, 0.3146, 0.3082



42.3178, 0.3258, 0.3564

Square

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



42.3178, 0.3146, 0.3082



42.3178, 0.3436, 0.3448



42.3178, 0.3103, 0.3512



42.3178, 0.2828, 0.3122

Rectangle

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



42.3178, 0.3146, 0.3082



42.3178, 0.3377, 0.3274



42.3178, 0.3103, 0.3512



42.3178, 0.2883, 0.3299

Sweetspot

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



42.3196, 0.3146, 0.3082



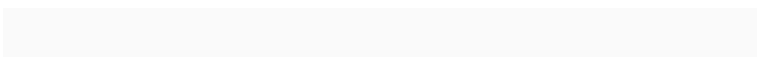
84.7281, 0.3133, 0.3221



40.4513, 0.2995, 0.3059



18.4151, 0.3135, 0.3203



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.



42.3196, 0.3146, 0.3082



74.1611, 0.3150, 0.3035



41.9773, 0.3217, 0.3190



9.1533, 0.3146, 0.3078



9.1091, 0.3361, 0.1625



0.3239, 0.3318, 0.1602

Inverse Universe

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



42.3196, 0.3146, 0.3082



74.1611, 0.3150, 0.3035



46.7861, 0.3045, 0.3393



9.1533, 0.3146, 0.3078



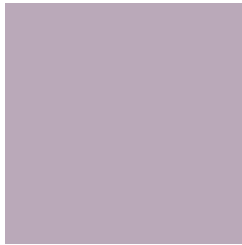
9.1091, 0.3361, 0.1625



0.3239, 0.3318, 0.1602

Previews

White Background



This preview shows how the Yxy color 42.3178, 0.3146, 0.3082 looks on a white background.

Color Contrast Check

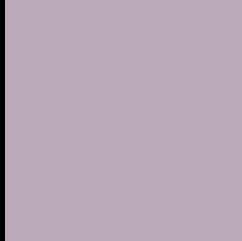
Large Text (above 18pt) WCAG AA × Fail

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 42.3178, 0.3146, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

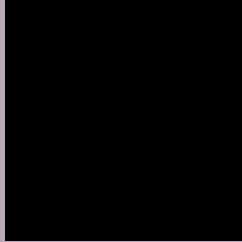
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3178, 0.3146, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 42.3178, 0.3146, 0.3082.



This preview shows how white text looks on a background with the Yxy color 42.3178, 0.3146, 0.3082.

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

42.3178, 0.3146, 0.3082

Protanopia

42.3592, 0.3014, 0.3103

Deuteranopia

42.3178, 0.3146, 0.3082



Tritanopia

42.2339, 0.3163, 0.3108

Trichromacy



Original Color

42.3178, 0.3146, 0.3082

Protanomaly

42.5152, 0.3065, 0.3105

Deuteranomaly

42.3178, 0.3146, 0.3082

Tritanomaly

42.2757, 0.3154, 0.3095

Monochromacy



Original Color

42.3178, 0.3146, 0.3082

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8451, 0.3140, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3178, 0.3146, 0.3082 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, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 185)  
}
```

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, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.3178, 0.3146, 0.3082 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, 169, 185) }
```

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

```
.border{ border-color:rgb(186, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3178, 0.3146, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 185) }
```

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

```
.background{ background-color: rgb(186,  
169, 185) }
```

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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