

Converting Colors

$Y_{xy}(46.1927, 0.3101, 0.3160)$

Have a look what the booklet for
Yxy(46.1927, 0.3101, 0.3160)
contains.

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Color

Yxy(46.2286, 0.3099, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	B9B3BD
RGB	185, 179, 189
RGB Percent	73%, 70%, 74%
CMY	0.2746, 0.2980, 0.2589
CMYK	0.02, 0.05, 0.00, 0.26
HSL	276°, 7%, 72%
HSV	276°, 5%, 74%
XYZ	45.3075, 46.2286, 54.6644
YIQ	181.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

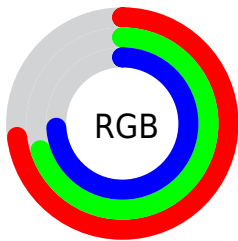
Format	Color
R _Y B	185, 179, 189
Decimal	12170173
CIE Lab	73.69, 3.97, -4.31
CIE LCh	74, 5.864, 312.656
Yxy	46.2286, 0.3099, 0.3162
Android (android.graphics.Color)	4290360253 (0xFFB9B3BD)
YUV	181.9340, 3.4835, 2.6889
Hunter-Lab	67.9916, -0.0384, -0.0743

Details

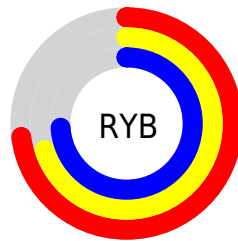
The Yxy color `46.2286, 0.3099, 0.3162` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.7075, 0.3154, 0.3419`, and the grayscale version is `46.7210, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.7100, 0.3105, 0.3190`, and `21.6048, 0.3088, 0.3115` is the 20% darker color. If you saturate the color by 10%, you get `38.2502, 0.3038, 0.2905`, and if you desaturate by 10%, it is `55.2993, 0.3150, 0.3400`.

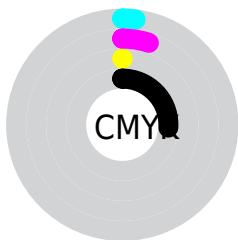
Distribution



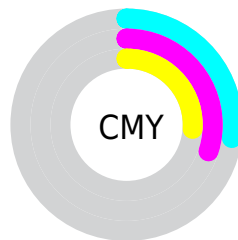
- Red (73%)
- Green (70%)
- Blue (74%)



- Red (73%)
- Yellow (70%)
- Blue (74%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (27%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2286, 0.3099, 0.3162 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 46.2286, 0.3099, 0.3162 by changing the saturation by 10% instead.

■ 46.2286, 0.3099,
0.3162

■ 46.2286, 0.3099,
0.3162

371.7269, 0.3113,
0.3226

■ 32.4263, 0.3095,
0.3146

■ 84.5610, 0.3104,
0.3185

■ 21.6873, 0.3091,
0.3126

109.8599, 0.3106,
0.3194

■ 13.6273, 0.3084,
0.3099

139.7597, 0.3108,
0.3201

■ 7.8619, 0.3075,
0.3062

174.6448, 0.3109,
0.3207

■ 4.0067, 0.3061,
0.3006

214.8998, 0.3111,
0.3213

■ 1.6773, 0.3038,
0.2916

260.9088, 0.3112,

■ 0.4089, 0.2959,

0.3218

0.2491

313.0564, 0.3113,
0.3222

0.0000, 0.0000,
0.0000

46.2286, 0.3099,
0.3162

46.2286, 0.3099,
0.3162

38.2502, 0.3038,
0.2905

55.2993, 0.3150,
0.3400

31.3153, 0.2967,
0.2633

65.4966, 0.3193,
0.3618

25.3804, 0.2886,
0.2352

76.8607, 0.3228,
0.3816

20.3964, 0.2794,
0.2070

89.4280, 0.3257,
0.3994

16.3101, 0.2694,
0.1797

90.8560, 0.3306,
0.3987

■ 13.0628, 0.2588,
0.1548

■ 92.0846, 0.3355,
0.3976

■ 10.5886, 0.2480,
0.1333

■ 93.3677, 0.3406,
0.3965

■ 8.8113, 0.2374,
0.1165

■ 94.7060, 0.3456,
0.3954

■ 7.6377, 0.2274,
0.1047

■ 96.1000, 0.3507,
0.3942

Harmonies

Analogous

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



46.2286, 0.3024, 0.3150



46.2286, 0.3099, 0.3162



46.2286, 0.3182, 0.3207

Triad

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



46.2286, 0.3099, 0.3162



46.2286, 0.3279, 0.3403



46.2286, 0.3005, 0.3306

Complementary

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



46.2286, 0.3099, 0.3162



49.7075, 0.3154, 0.3419

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.



46.2286, 0.3071, 0.3376



46.2286, 0.3099, 0.3162



46.2286, 0.3230, 0.3432

Square

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



46.2286, 0.3099, 0.3162



46.2286, 0.3287, 0.3345



46.2286, 0.3154, 0.3423



46.2286, 0.2970, 0.3232

Rectangle

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



46.2286, 0.3099, 0.3162



46.2286, 0.3231, 0.3249



46.2286, 0.3154, 0.3423



46.2286, 0.3024, 0.3331

Sweetspot

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



46.2306, 0.3099, 0.3162



87.8700, 0.3117, 0.3241



47.1928, 0.3048, 0.3214



18.9318, 0.3117, 0.3244



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.



46.2306, 0.3099, 0.3162



81.5723, 0.3094, 0.3142



46.6980, 0.3140, 0.3174



10.0123, 0.3092, 0.3130



4.8918, 0.2241, 0.1008



0.2287, 0.2473, 0.1136

Inverse Universe

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



46.4800, 0.3181, 0.3239



82.0885, 0.3190, 0.3231



49.2586, 0.3115, 0.3409



10.0808, 0.3195, 0.3226



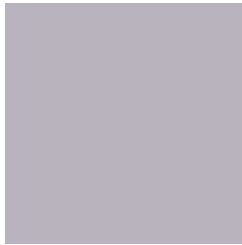
7.6420, 0.5347, 0.2719



0.3123, 0.4715, 0.2371

Previews

White Background



This preview shows how the Yxy color 46.2286, 0.3099, 0.3162 looks on a white background.

Color Contrast Check

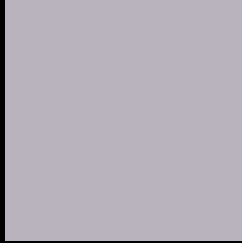
Large Text (above 18pt) WCAG AA × Fail

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 46.2286, 0.3099, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

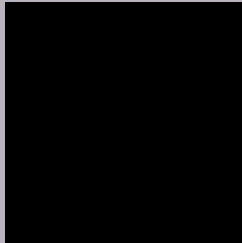
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2286, 0.3099, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 46.2286, 0.3099, 0.3162.

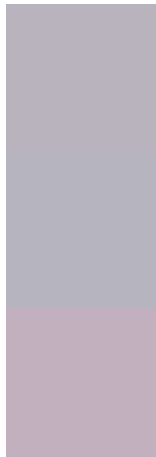


This preview shows how white text looks on a background with the Yxy color 46.2286, 0.3099, 0.3162.

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

46.2286, 0.3099, 0.3162

Protanopia

46.3053, 0.3065, 0.3161

Deuteranopia

46.3705, 0.3179, 0.3115



Tritanopia

46.1301, 0.3076, 0.3099

Trichromacy



Original Color

46.2286, 0.3099, 0.3162

Protanomaly

46.4275, 0.3074, 0.3161

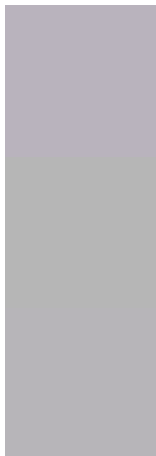
Deuteranomaly

46.2384, 0.3144, 0.3126

Tritanomaly

46.0857, 0.3084, 0.3111

Monochromacy



Original Color

46.2286, 0.3099, 0.3162

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6178, 0.3113, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2286, 0.3099, 0.3162 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(185, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 179, 189)  
}
```

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(185, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 179, 189) }
```

Border

The CSS property to change the border of an element to Yxy 46.2286, 0.3099, 0.3162 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(185, 179, 189) }
```

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

```
.border{ border-color:rgb(185, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 179, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 179, 189); box-shadow:4px 4px 4px 4px rgb(185, 179, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2286, 0.3099, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 179, 189) }
```

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

```
.background{ background-color: rgb(185,  
179, 189) }
```

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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