

Converting Colors

$Yxy(46.1498, 0.3132, 0.3098)$

Have a look what the booklet for
Yxy(46.1498, 0.3132, 0.3098)
contains.

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Color

Yxy(46.3264, 0.3127, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	BFB1C0
RGB	191, 177, 192
RGB Percent	75%, 69%, 75%
CMY	0.2511, 0.3058, 0.2470
CMYK	0.01, 0.08, 0.00, 0.25
HSL	296°, 11%, 72%
HSV	296°, 8%, 75%
XYZ	46.7148, 46.3264, 56.3506
YIQ	182.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

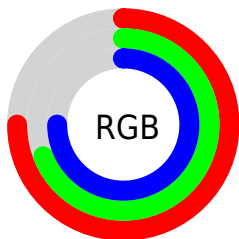
Format	Color
R_{YB}	191, 177, 192
Decimal	12562880
CIE Lab	73.76, 7.70, -5.82
CIE LCh	74, 9.656, 322.923
Yxy	46.3264, 0.3127, 0.3101
Android (android.graphics.Color)	4290752960 (0xFFBFB1C0)
YUV	182.8960, 4.4883, 7.1072
Hunter-Lab	68.0635, 3.4009, -1.4425

Details

The Yxy color $46.3264, 0.3127, 0.3101$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.3485, 0.3126, 0.3485$, and the grayscale version is $47.2660, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8293, 0.3127, 0.3142$, and $21.6827, 0.3127, 0.3034$ is the 20% darker color. If you saturate the color by 10%, you get $39.0958, 0.3125, 0.2851$, and if you desaturate by 10%, it is $54.6298, 0.3127, 0.3342$.

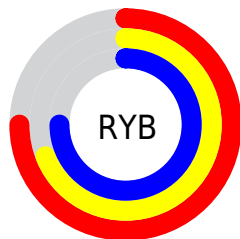
Distribution



Red (75%)

Green (69%)

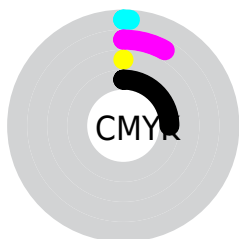
Blue (75%)



Red (75%)

Yellow (69%)

Blue (75%)

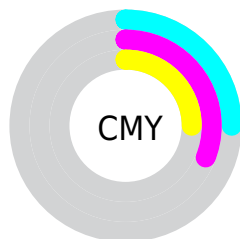


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3264, 0.3127, 0.3101 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 46.3264, 0.3127, 0.3101 by changing the saturation by 10% instead.

 46.3264, 0.3127,
0.3101

 46.3264, 0.3127,
0.3101


372.1193, 0.3128,
0.3194

 32.5035, 0.3127,
0.3078


 84.7073, 0.3127,
0.3135

 21.7463, 0.3126,
0.3049


110.0340, 0.3127,
0.3147

 13.6706, 0.3125,
0.3010


139.9641, 0.3128,
0.3158

 7.8919, 0.3124,
0.2956

174.8820, 0.3128,
0.3167

 4.0259, 0.3121,
0.2878

215.1721, 0.3128,
0.3176

 1.6881, 0.3114,
0.2751

261.2187, 0.3128,

 0.4159, 0.3138,

0.3183

0.2237

313.4064, 0.3128,
0.3189

■ 0.0000, 0.0000,
0.0000

■ 46.3264, 0.3127,
0.3101

■ 46.3264, 0.3127,
0.3101

■ 39.0958, 0.3125,
0.2851

■ 54.6298, 0.3127,
0.3342

■ 32.8877, 0.3122,
0.2599

■ 64.0417, 0.3126,
0.3570

■ 27.6567, 0.3116,
0.2352

■ 74.6036, 0.3124,
0.3782

■ 23.3515, 0.3108,
0.2120

■ 86.3530, 0.3121,
0.3978

■ 19.9164, 0.3098,
0.1911

■ 87.2845, 0.3128,
0.3988

■ 17.2895, 0.3086,
0.1736

■ 87.4668, 0.3137,
0.3986

■ 15.4009, 0.3071,
0.1600

■ 87.6508, 0.3145,
0.3985

■ 14.1687, 0.3055,
0.1508

■ 87.8363, 0.3153,
0.3983

■ 13.4706, 0.3038,
0.1455

■ 88.0235, 0.3162,
0.3981

Harmonies

Analogous

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



46.3264, 0.2996, 0.3062



46.3264, 0.3127, 0.3101



46.3264, 0.3261, 0.3188

Triad

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



46.3264, 0.3127, 0.3101



46.3264, 0.3356, 0.3499



46.3264, 0.2900, 0.3272

Complementary

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



46.3264, 0.3127, 0.3101



50.3485, 0.3126, 0.3485

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.



46.3264, 0.2993, 0.3395



46.3264, 0.3127, 0.3101



46.3264, 0.3256, 0.3528

Square

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



46.3264, 0.3127, 0.3101



46.3264, 0.3395, 0.3415



46.3264, 0.3123, 0.3490



46.3264, 0.2867, 0.3157

Rectangle

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



46.3264, 0.3127, 0.3101



46.3264, 0.3332, 0.3262



46.3264, 0.3123, 0.3490



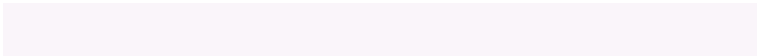
46.3264, 0.2925, 0.3314

Sweetspot

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



46.3284, 0.3127, 0.3101



92.3826, 0.3127, 0.3241



45.1022, 0.3008, 0.3110



19.8526, 0.3127, 0.3244



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



46.3284, 0.3127, 0.3101



82.0752, 0.3127, 0.3068



46.1933, 0.3187, 0.3179



10.2106, 0.3127, 0.3062



8.9928, 0.3037, 0.1447



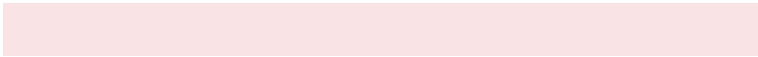
0.3995, 0.3078, 0.1469

Inverse Universe

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



45.8752, 0.3251, 0.3277



81.1236, 0.3274, 0.3275



50.4801, 0.3072, 0.3403



10.0890, 0.3278, 0.3274



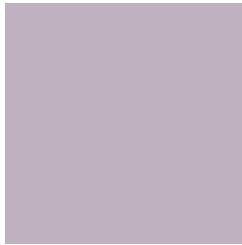
7.5654, 0.6314, 0.3252



0.3309, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 46.3264, 0.3127, 0.3101 looks on a white background.

Color Contrast Check

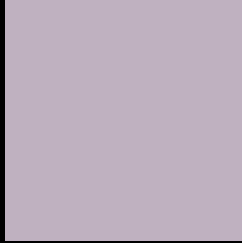
Large Text (above 18pt) WCAG AA × Fail

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 46.3264, 0.3127, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

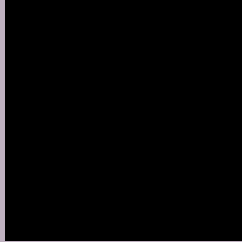
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3264, 0.3127, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 46.3264, 0.3127, 0.3101.



This preview shows how white text looks on a background with the Yxy color 46.3264, 0.3127, 0.3101.

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

46.3264, 0.3127, 0.3101

Protanopia

46.3613, 0.3026, 0.3110

Deuteranopia

46.3258, 0.3154, 0.3090



Tritanopia

46.2822, 0.3135, 0.3113

Trichromacy



Original Color

46.3264, 0.3127, 0.3101

Protanomaly

46.4047, 0.3067, 0.3111

Deuteranomaly

46.1939, 0.3145, 0.3089

Tritanomaly

46.2822, 0.3135, 0.3113

Monochromacy



Original Color

46.3264, 0.3127, 0.3101

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.0320, 0.3130, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3264, 0.3127, 0.3101 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(191, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 177, 192)  
}
```

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(191, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 177, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.3264, 0.3127, 0.3101 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(191, 177, 192) }
```

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

```
.border{ border-color:rgb(191, 177, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 177,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3264, 0.3127, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 177, 192) }
```

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

```
.background{ background-color: rgb(191,  
177, 192) }
```

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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