

Converting Colors

Yxy(46.6614, 0.3125, 0.3113)

Have a look what the booklet for
Yxy(46.6614, 0.3125, 0.3113)
contains.

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Color

Yxy(46.7229, 0.3127, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	BFB2C0
RGB	191, 178, 192
RGB Percent	75%, 70%, 75%
CMY	0.2510, 0.3019, 0.2471
CMYK	0.01, 0.07, 0.00, 0.25
HSL	296°, 10%, 73%
HSV	296°, 7%, 75%
XYZ	46.9180, 46.7229, 56.4006
YIQ	183.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

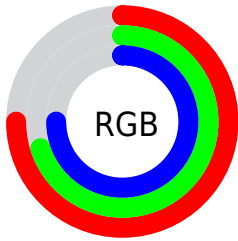
Format	Color
R_{YB}	191, 178, 192
Decimal	12563136
CIE Lab	74.01, 7.17, -5.43
CIE LCh	74, 8.996, 322.886
Yxy	46.7229, 0.3127, 0.3114
Android (android.graphics.Color)	4290753216 (0xFFBFB2C0)
YUV	183.4830, 4.1989, 6.5924
Hunter-Lab	68.3542, 2.9018, -1.0736

Details

The Yxy color $46.7229, 0.3127, 0.3114$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.4859, 0.3127, 0.3472$, and the grayscale version is $47.6084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.3971, 0.3127, 0.3152$, and $21.9346, 0.3127, 0.3051$ is the 20% darker color. If you saturate the color by 10%, you get $39.4385, 0.3125, 0.2865$, and if you desaturate by 10%, it is $55.0821, 0.3127, 0.3354$.

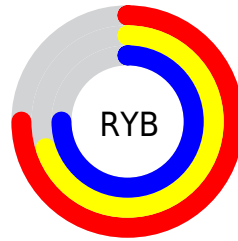
Distribution



Red (75%)

Green (70%)

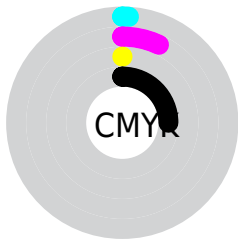
Blue (75%)



Red (75%)

Yellow (70%)

Blue (75%)

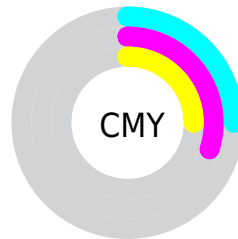


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7229, 0.3127, 0.3114 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 46.7229, 0.3127, 0.3114 by changing the saturation by 10% instead.


 46.7229, 0.3127,
0.3114

 46.7229, 0.3127,
0.3114

373.7074, 0.3128,
0.3201

 32.8167, 0.3127,
0.3093


 85.2999, 0.3127,
0.3145

 21.9860, 0.3126,
0.3065


110.7393, 0.3127,
0.3157

 13.8466, 0.3126,
0.3029


140.7920, 0.3127,
0.3167

 8.0141, 0.3124,
0.2980

175.8423, 0.3128,
0.3176

 4.1040, 0.3122,
0.2906

216.2746, 0.3128,
0.3183

 1.7319, 0.3116,
0.2788

262.4733, 0.3128,

 0.4442, 0.3136,

0.3190

0.2332


314.8227, 0.3128,
0.3196

 0.0000, 0.0000,
0.0000


 46.7229, 0.3127,
0.3114


 46.7229, 0.3127,
0.3114


 39.4385, 0.3125,
0.2865

 55.0821, 0.3127,
0.3354

 33.1786, 0.3122,
0.2613

 64.5515, 0.3126,
0.3581

 27.8980, 0.3116,
0.2365

 75.1727, 0.3124,
0.3793

 23.5459, 0.3109,
0.2131

 86.9829, 0.3121,
0.3988

 20.0666, 0.3098,
0.1921

 87.2927, 0.3129,
0.3988

■ 17.3988, 0.3086,
0.1744

■ 87.4760, 0.3137,
0.3986

■ 15.4729, 0.3071,
0.1606

■ 87.6608, 0.3146,
0.3985

■ 14.2080, 0.3055,
0.1511

■ 87.8473, 0.3154,
0.3983

■ 13.4896, 0.3038,
0.1457

■ 88.0354, 0.3162,
0.3981

Harmonies

Analogous

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



46.7229, 0.3005, 0.3078



46.7229, 0.3127, 0.3114



46.7229, 0.3251, 0.3195

Triad

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



46.7229, 0.3127, 0.3114



46.7229, 0.3340, 0.3484



46.7229, 0.2916, 0.3273

Complementary

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



46.7229, 0.3127, 0.3114



50.4859, 0.3127, 0.3472

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.



46.7229, 0.3003, 0.3388



46.7229, 0.3127, 0.3114



46.7229, 0.3247, 0.3511

Square

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



46.7229, 0.3127, 0.3114



46.7229, 0.3376, 0.3406



46.7229, 0.3124, 0.3476



46.7229, 0.2885, 0.3167

Rectangle

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



46.7229, 0.3127, 0.3114



46.7229, 0.3318, 0.3264



46.7229, 0.3124, 0.3476



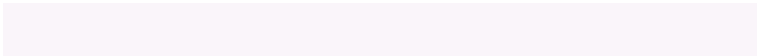
46.7229, 0.2940, 0.3312

Sweetspot

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



46.7249, 0.3127, 0.3114



92.3823, 0.3127, 0.3241



45.5799, 0.3017, 0.3123



19.8525, 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.



46.7249, 0.3127, 0.3114



82.0739, 0.3127, 0.3068



46.5993, 0.3183, 0.3187



10.2105, 0.3127, 0.3062



8.9879, 0.3036, 0.1446



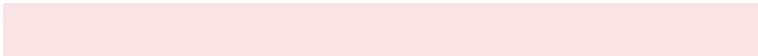
0.3993, 0.3077, 0.1469

Inverse Universe

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



46.3016, 0.3242, 0.3278



81.1240, 0.3274, 0.3275



50.6085, 0.3075, 0.3395



10.0891, 0.3278, 0.3274



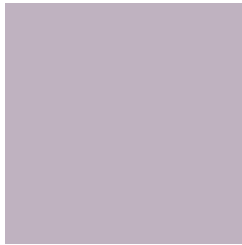
7.5655, 0.6314, 0.3252



0.3309, 0.6013, 0.3086

Previews

White Background



This preview shows how the Yxy color 46.7229, 0.3127, 0.3114 looks on a white background.

Color Contrast Check

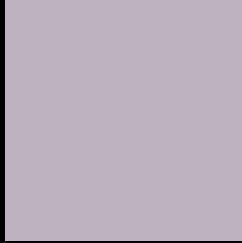
Large Text (above 18pt) WCAG AA × Fail

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 46.7229, 0.3127, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

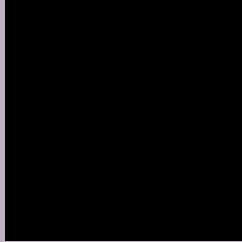
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7229, 0.3127, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 46.7229, 0.3127, 0.3114.



This preview shows how white text looks on a background with the Yxy color 46.7229, 0.3127, 0.3114.

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

46.7229, 0.3127, 0.3114

Protanopia

46.8879, 0.3034, 0.3123

Deuteranopia

46.8522, 0.3162, 0.3103



Tritanopia

46.7229, 0.3127, 0.3114

Trichromacy



Original Color

46.7229, 0.3127, 0.3114

Protanomaly

46.8071, 0.3067, 0.3124

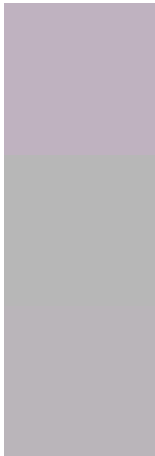
Deuteranomaly

46.7194, 0.3153, 0.3102

Tritanomaly

46.7229, 0.3127, 0.3114

Monochromacy



Original Color

46.7229, 0.3127, 0.3114

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 46.7229, 0.3127, 0.3114 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, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 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, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.7229, 0.3127, 0.3114 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, 178, 192) }
```

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

```
.border{ border-color:rgb(191, 178, 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, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7229, 0.3127, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 192) }
```

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

```
.background{ background-color: rgb(191,  
178, 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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