

Converting Colors

$Yxy(46.1074, 0.3041, 0.3147)$

Have a look what the booklet for
Yxy(46.1074, 0.3041, 0.3147)
contains.

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Color

Yxy(46.1074, 0.3041, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	B4B4BF
RGB	180, 180, 191
RGB Percent	71%, 71%, 75%
CMY	0.2940, 0.2941, 0.2509
CMYK	0.06, 0.06, 0.00, 0.25
HSL	240°, 8%, 73%
HSV	240°, 6%, 75%
XYZ	44.5544, 46.1074, 55.8505
YIQ	181.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

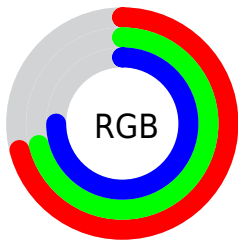
Format	Color
RYB	180, 180, 191
Decimal	11842751
CIELab	73.62, 2.13, -5.59
CIELCh	74, 5.983, 290.907
Yxy	46.1074, 0.3041, 0.3147
Android (android.graphics.Color)	4290032831 (0xFFB4B4BF)
YUV	181.2540, 4.8048, -1.0998
Hunter-Lab	67.9024, -1.7060, -1.2349

Details

The Yxy color $46.1074, 0.3041, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.6373, 0.3211, 0.3429$, and the grayscale version is $46.3316, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5392, 0.3060, 0.3179$, and $21.5257, 0.3009, 0.3095$ is the 20% darker color. If you saturate the color by 10%, you get $36.7912, 0.2875, 0.2872$, and if you desaturate by 10%, it is $56.8041, 0.3186, 0.3388$.

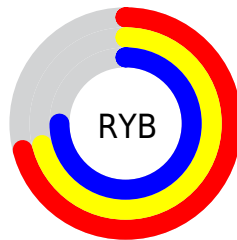
Distribution



Red (71%)

Green (71%)

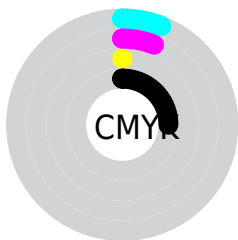
Blue (75%)



Red (71%)

Yellow (71%)

Blue (75%)

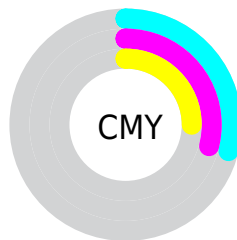


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1074, 0.3041, 0.3147 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 46.1074, 0.3041, 0.3147 by changing the saturation by 10% instead.

■ 46.1074, 0.3041,
0.3147

■ 46.1074, 0.3041,
0.3147

371.2403, 0.3084,
0.3218

■ 32.3306, 0.3030,
0.3129

■ 84.3797, 0.3057,
0.3173

■ 21.6141, 0.3016,
0.3107

109.6440, 0.3063,
0.3183

■ 13.5736, 0.2997,
0.3076

139.5062, 0.3068,
0.3191

■ 7.8247, 0.2971,
0.3034

174.3508, 0.3072,
0.3198

■ 3.9830, 0.2932,
0.2972

214.5621, 0.3076,
0.3204

■ 1.6641, 0.2866,
0.2869

260.5245, 0.3079,

■ 0.4002, 0.2607,

0.3209

0.2412

312.6224, 0.3082,
0.3214

0.0000, 0.0000,
0.0000

46.1074, 0.3041,
0.3147

46.1074, 0.3041,
0.3147

36.7912, 0.2875,
0.2872

56.8041, 0.3186,
0.3388

28.7936, 0.2690,
0.2565

68.9280, 0.3312,
0.3596

22.0570, 0.2488,
0.2230

82.5310, 0.3420,
0.3776

16.5169, 0.2275,
0.1878

96.5423, 0.3508,
0.3919

12.1035, 0.2063,
0.1528

■ 8.7395, 0.1868,
0.1204

■ 6.3380, 0.1704,
0.0935

■ 4.7980, 0.1587,
0.0741

■ 3.9940, 0.1520,
0.0632

Harmonies

Analogous

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



46.1074, 0.2984, 0.3162



46.1074, 0.3041, 0.3147



46.1074, 0.3122, 0.3169

Triad

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



46.1074, 0.3041, 0.3147



46.1074, 0.3293, 0.3365



46.1074, 0.3049, 0.3360

Complementary

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



46.1074, 0.3041, 0.3147



51.6373, 0.3211, 0.3429

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.



46.1074, 0.3131, 0.3416



46.1074, 0.3041, 0.3147



46.1074, 0.3272, 0.3417

Square

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



46.1074, 0.3041, 0.3147



46.1074, 0.3268, 0.3293



46.1074, 0.3213, 0.3437



46.1074, 0.2988, 0.3285

Rectangle

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



46.1074, 0.3041, 0.3147



46.1074, 0.3178, 0.3201



46.1074, 0.3213, 0.3437



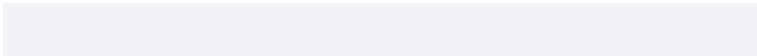
46.1074, 0.3075, 0.3381

Sweetspot

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



46.1094, 0.3041, 0.3147



89.4332, 0.3098, 0.3241



50.7337, 0.3039, 0.3290



19.6807, 0.3099, 0.3243



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.



46.1094, 0.3041, 0.3147



80.1895, 0.3020, 0.3112



46.7793, 0.3087, 0.3149



9.6168, 0.3014, 0.3103



2.4757, 0.1501, 0.0601



0.0975, 0.1507, 0.0604

Inverse Universe

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



47.4789, 0.3134, 0.3152



83.1844, 0.3136, 0.3119



50.9411, 0.3166, 0.3431



9.9966, 0.3136, 0.3110



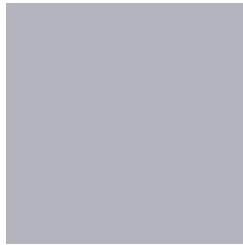
9.7319, 0.3218, 0.1546



0.3814, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 46.1074, 0.3041, 0.3147 looks on a white background.

Color Contrast Check

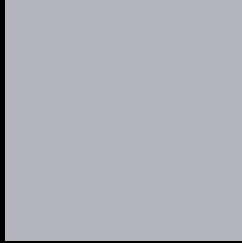
Large Text (above 18pt) WCAG AA × Fail

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 46.1074, 0.3041, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

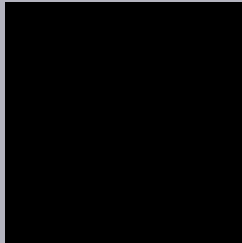
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

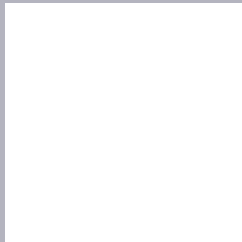
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1074, 0.3041, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 46.1074, 0.3041, 0.3147.

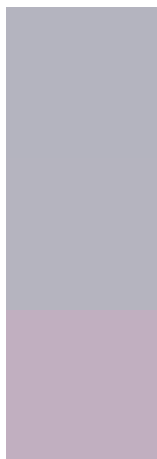


This preview shows how white text looks on a background with the Yxy color 46.1074, 0.3041, 0.3147.

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

46.1074, 0.3041, 0.3147

Protanopia

46.2279, 0.3049, 0.3148

Deuteranopia

45.8032, 0.3146, 0.3076



Tritanopia

46.2409, 0.3018, 0.3109

Trichromacy



Original Color

46.1074, 0.3041, 0.3147

Protanomaly

46.2279, 0.3049, 0.3148

Deuteranomaly

45.9414, 0.3102, 0.3099

Tritanomaly

46.1961, 0.3025, 0.3122

Monochromacy



Original Color

46.1074, 0.3041, 0.3147

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3743, 0.3096, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1074, 0.3041, 0.3147 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(180, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 180, 191)  
}
```

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(180, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 180, 191) }
```

Border

The CSS property to change the border of an element to Yxy 46.1074, 0.3041, 0.3147 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(180, 180, 191) }
```

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

```
.border{ border-color:rgb(180, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 180,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1074, 0.3041, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 180, 191) }
```

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

```
.background{ background-color: rgb(180,  
180, 191) }
```

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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