

Converting Colors

$Y_{xy}(44.5045, 0.3003, 0.3121)$

Have a look what the booklet for
Yxy(44.5045, 0.3003, 0.3121)
contains.

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Color

Yxy(44.6725, 0.3007, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	AFB2BE
RGB	175, 178, 190
RGB Percent	69%, 70%, 75%
CMY	0.3138, 0.3019, 0.2549
CMYK	0.08, 0.06, 0.00, 0.25
HSL	228°, 10%, 72%
HSV	228°, 8%, 75%
XYZ	42.8896, 44.6725, 55.0704
YIQ	178.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

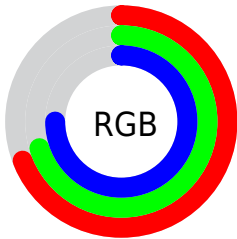
Format	Color
RYB	175, 178, 190
Decimal	11514558
CIELab	72.68, 1.29, -6.46
CIElCh	73, 6.586, 281.252
Yxy	44.6725, 0.3007, 0.3132
Android (android.graphics.Color)	4289704638 (0xFFAFB2BE)
YUV	178.4710, 5.6838, -3.0441
Hunter-Lab	66.8375, -2.4222, -2.0655

Details

The Yxy color `44.6725, 0.3007, 0.3132` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.5639, 0.3246, 0.3443`, and the grayscale version is `44.7542, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.4884, 0.3034, 0.3167`, and `20.6843, 0.2974, 0.3073` is the 20% darker color. If you saturate the color by 10%, you get `36.9236, 0.2842, 0.2909`, and if you desaturate by 10%, it is `53.4016, 0.3158, 0.3329`.

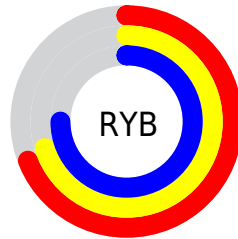
Distribution



Red (69%)

Green (70%)

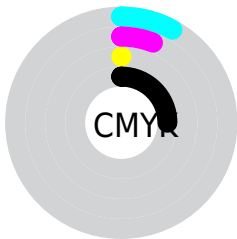
Blue (75%)



Red (69%)

Yellow (70%)

Blue (75%)

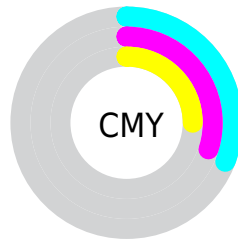


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6725, 0.3007, 0.3132 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 44.6725, 0.3007, 0.3132 by changing the saturation by 10% instead.

■ 44.6725, 0.3007,
0.3132

■ 44.6725, 0.3007,
0.3132

365.4456, 0.3068,
0.3211

■ 31.1995, 0.2992,
0.3112

■ 82.2287, 0.3029,
0.3161

■ 20.7508, 0.2972,
0.3087

107.0808, 0.3037,
0.3172

■ 12.9420, 0.2946,
0.3052

136.4947, 0.3044,
0.3181

■ 7.3886, 0.2909,
0.3005

170.8549, 0.3050,
0.3189

■ 3.7063, 0.2853,
0.2933

210.5456, 0.3055,
0.3195

■ 1.5107, 0.2758,
0.2814

255.9514, 0.3060,

■ 0.2962, 0.2262,

0.3201

0.2141

307.4566, 0.3064,
0.3207

0.0000, 0.0000,
0.0000

44.6725, 0.3007,
0.3132

44.6725, 0.3007,
0.3132

36.9236, 0.2842,
0.2909

53.4016, 0.3158,
0.3329

30.1148, 0.2663,
0.2660

63.1378, 0.3293,
0.3502

24.2114, 0.2475,
0.2389

73.9143, 0.3414,
0.3653

19.1745, 0.2282,
0.2100

85.7609, 0.3522,
0.3784

14.9624, 0.2092,
0.1802

95.7541, 0.3516,
0.3919

■ 11.5297, 0.1917,
0.1511

■ 96.4972, 0.3514,
0.3929

■ 8.8262, 0.1765,
0.1241

■ 6.7958, 0.1648,
0.1009

■ 5.3661, 0.1569,
0.0829

Harmonies

Analogous

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



44.6725, 0.2956, 0.3162



44.6725, 0.3007, 0.3132



44.6725, 0.3091, 0.3143

Triad

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



44.6725, 0.3007, 0.3132



44.6725, 0.3308, 0.3348



44.6725, 0.3068, 0.3391

Complementary

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



44.6725, 0.3007, 0.3132



49.5639, 0.3246, 0.3443

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.



44.6725, 0.3162, 0.3443



44.6725, 0.3007, 0.3132



44.6725, 0.3301, 0.3416

Square

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



44.6725, 0.3007, 0.3132



44.6725, 0.3265, 0.3267



44.6725, 0.3247, 0.3451



44.6725, 0.2991, 0.3312

Rectangle

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



44.6725, 0.3007, 0.3132



44.6725, 0.3154, 0.3172



44.6725, 0.3247, 0.3451



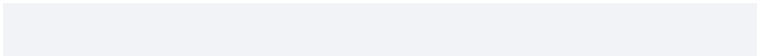
44.6725, 0.3098, 0.3412

Sweetspot

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



44.6744, 0.3007, 0.3132



90.0274, 0.3097, 0.3251



49.5107, 0.3030, 0.3332



19.8048, 0.3099, 0.3253



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.



44.6744, 0.3007, 0.3132



79.1200, 0.2987, 0.3106



43.9819, 0.3043, 0.3094



9.5290, 0.2984, 0.3101



3.5003, 0.1560, 0.0816



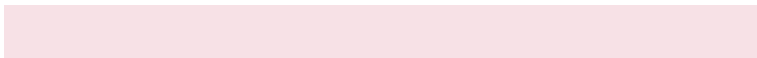
0.2309, 0.1683, 0.1257

Inverse Universe

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



44.8136, 0.3235, 0.3251



79.4258, 0.3254, 0.3245



50.3229, 0.3207, 0.3483



9.5670, 0.3257, 0.3244



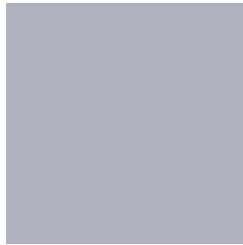
7.3831, 0.6044, 0.3103



0.2987, 0.5386, 0.2741

Previews

White Background



This preview shows how the Yxy color 44.6725, 0.3007, 0.3132 looks on a white background.

Color Contrast Check

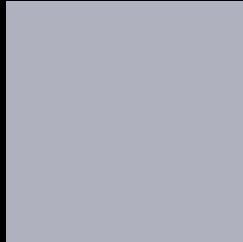
Large Text (above 18pt) WCAG AA × Fail

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 44.6725, 0.3007, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

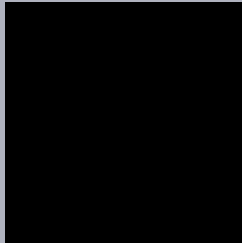
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

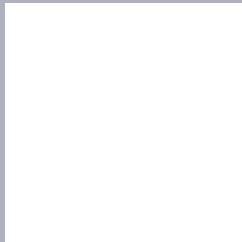
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6725, 0.3007, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 44.6725, 0.3007, 0.3132.

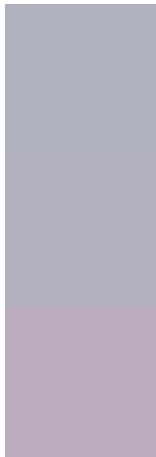


This preview shows how white text looks on a background with the Yxy color 44.6725, 0.3007, 0.3132.

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

44.6725, 0.3007, 0.3132

Protanopia

44.5834, 0.3040, 0.3133

Deuteranopia

44.5959, 0.3129, 0.3061



Tritanopia

44.7605, 0.2992, 0.3106

Trichromacy



Original Color

44.6725, 0.3007, 0.3132

Protanomaly

44.4655, 0.3032, 0.3132

Deuteranomaly

44.7358, 0.3085, 0.3084

Tritanomaly

44.7163, 0.2999, 0.3119

Monochromacy



Original Color

44.6725, 0.3007, 0.3132

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5653, 0.3087, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6725, 0.3007, 0.3132 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(175, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 190)  
}
```

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(175, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.6725, 0.3007, 0.3132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

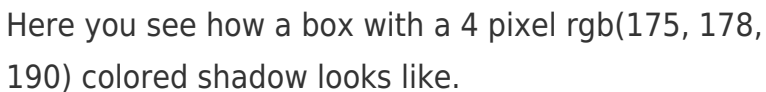
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 178, 190) }
```

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

```
.border{ border-color:rgb(175, 178, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 178, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 178, 190); box-shadow:4px 4px 4px 4px rgb(175, 178, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6725, 0.3007, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 190) }
```

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

```
.background{ background-color: rgb(175,  
178, 190) }
```

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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