

Converting Colors

Yxy(44.5813, 0.3068, 0.3217)

Have a look what the booklet for
Yxy(44.5813, 0.3068, 0.3217)
contains.

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Color

Yxy(44.5316, 0.3062, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	B0B2B8
RGB	176, 178, 184
RGB Percent	69%, 70%, 72%
CMY	0.3098, 0.3020, 0.2783
CMYK	0.04, 0.03, 0.00, 0.28
HSL	225°, 5%, 71%
HSV	225°, 4%, 72%
XYZ	42.4784, 44.5316, 51.7177
YIQ	178.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

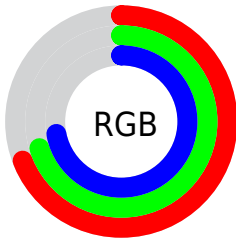
Format	Color
RYB	176, 178, 184
Decimal	11580088
CIELab	72.58, 0.46, -3.32
CIELCh	73, 3.351, 277.856
Yxy	44.5316, 0.3062, 0.3210
Android (android.graphics.Color)	4289770168 (0xFFB0B2B8)
YUV	178.0860, 2.9156, -1.8294
Hunter-Lab	66.7320, -3.1564, 0.7623

Details

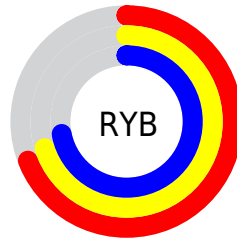
The Yxy color **44.5316, 0.3062, 0.3210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7937, 0.3192, 0.3369**, and the grayscale version is **44.5558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2927, 0.3077, 0.3228**, and **20.5910, 0.3050, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **37.3093, 0.2903, 0.3010**, and if you desaturate by 10%, it is **52.6019, 0.3208, 0.3387**.

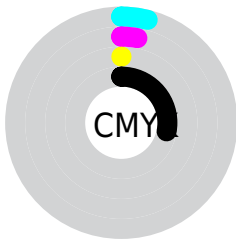
Distribution



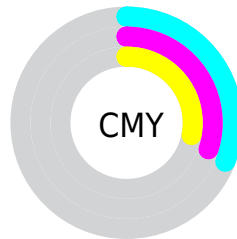
- Red (69%)
- Green (70%)
- Blue (72%)



- Red (69%)
- Yellow (70%)
- Blue (72%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5316, 0.3062, 0.3210 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 44.5316, 0.3062, 0.3210 by changing the saturation by 10% instead.

■ 44.5316, 0.3062,
0.3210

■ 44.5316, 0.3062,
0.3210

364.8732, 0.3095,
0.3250

■ 31.0886, 0.3054,
0.3200

■ 82.0171, 0.3074,
0.3225

■ 20.6664, 0.3043,
0.3187

106.8284, 0.3079,
0.3230

■ 12.8803, 0.3029,
0.3169

136.1980, 0.3082,
0.3235

■ 7.3462, 0.3008,
0.3144

170.5101, 0.3086,
0.3239

■ 3.6795, 0.2978,
0.3107

210.1494, 0.3088,
0.3242

■ 1.4960, 0.2926,
0.3044

255.5000, 0.3091,

■ 0.2859, 0.2544,

0.3245

0.2571

306.9465, 0.3093,
0.3248

0.0000, 0.0000,
0.0000

44.5316, 0.3062,
0.3210

44.5316, 0.3062,
0.3210

37.3093, 0.2903,
0.3010

52.6019, 0.3208,
0.3387

30.9014, 0.2732,
0.2786

61.5411, 0.3339,
0.3542

25.2804, 0.2550,
0.2539

71.3764, 0.3458,
0.3677

20.4149, 0.2363,
0.2273

82.1322, 0.3565,
0.3795

16.2715, 0.2178,
0.1994

91.2797, 0.3569,
0.3917

■ 12.8141, 0.2001,
0.1712

■ 96.2418, 0.3549,
0.3988

■ 10.0033, 0.1844,
0.1441

■ 7.7951, 0.1715,
0.1194

■ 6.1391, 0.1621,
0.0986

Harmonies

Analogous

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



44.5316, 0.3038, 0.3228



44.5316, 0.3062, 0.3210



44.5316, 0.3104, 0.3213

Triad

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



44.5316, 0.3062, 0.3210



44.5316, 0.3218, 0.3316



44.5316, 0.3102, 0.3345

Complementary

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



44.5316, 0.3062, 0.3210



46.7937, 0.3192, 0.3369

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.



44.5316, 0.3150, 0.3369



44.5316, 0.3062, 0.3210



44.5316, 0.3217, 0.3352

Square

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



44.5316, 0.3062, 0.3210



44.5316, 0.3194, 0.3274



44.5316, 0.3193, 0.3371



44.5316, 0.3061, 0.3306

Rectangle

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



44.5316, 0.3062, 0.3210



44.5316, 0.3136, 0.3227



44.5316, 0.3193, 0.3371



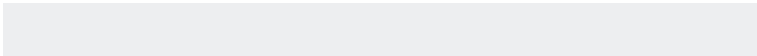
44.5316, 0.3118, 0.3355

Sweetspot

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



44.5335, 0.3062, 0.3210



85.4216, 0.3112, 0.3272



46.9001, 0.3076, 0.3316



18.4316, 0.3113, 0.3273



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.5335, 0.3062, 0.3210



79.7077, 0.3051, 0.3196



43.9780, 0.3080, 0.3184



9.6863, 0.3043, 0.3186



3.8235, 0.1585, 0.0907



0.2360, 0.1730, 0.1426

Inverse Universe

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



44.4586, 0.3181, 0.3264



79.5558, 0.3191, 0.3260



47.3739, 0.3173, 0.3395



9.6664, 0.3198, 0.3256



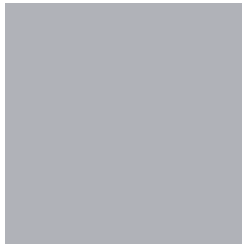
7.1683, 0.5900, 0.3024



0.2629, 0.5156, 0.2614

Previews

White Background



This preview shows how the Yxy color 44.5316, 0.3062, 0.3210 looks on a white background.

Color Contrast Check

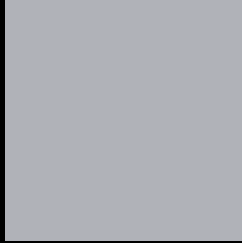
Large Text (above 18pt) WCAG AA × Fail

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 44.5316, 0.3062, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

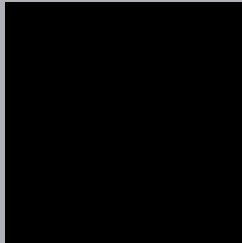
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

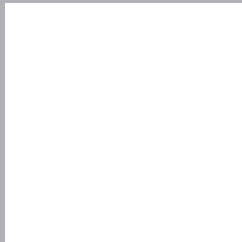
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5316, 0.3062, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 44.5316, 0.3062, 0.3210.

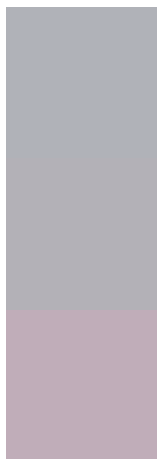


This preview shows how white text looks on a background with the Yxy color 44.5316, 0.3062, 0.3210.

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

44.5316, 0.3062, 0.3210

Protanopia

44.4469, 0.3096, 0.3211

Deuteranopia

44.5964, 0.3197, 0.3137



Tritanopia

44.5530, 0.3016, 0.3106

Trichromacy



Original Color

44.5316, 0.3062, 0.3210

Protanomaly

44.3282, 0.3088, 0.3211

Deuteranomaly

44.6018, 0.3142, 0.3161

Tritanomaly

44.4222, 0.3040, 0.3145

Monochromacy



Original Color

44.5316, 0.3062, 0.3210

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4832, 0.3102, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5316, 0.3062, 0.3210 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(176, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 184)  
}
```

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(176, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.5316, 0.3062, 0.3210 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(176, 178, 184) }
```

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

```
.border{ border-color:rgb(176, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 178, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 178, 184); box-shadow:4px 4px 4px 4px rgb(176, 178, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5316, 0.3062, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 184) }
```

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

```
.background{ background-color: rgb(176,  
178, 184) }
```

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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