

Converting Colors

$Y_{xy}(44.7739, 0.3028, 0.3108)$

Have a look what the booklet for
Yxy(44.7739, 0.3028, 0.3108)
contains.

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Color

Yxy(44.6708, 0.3025, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	B2B1BF
RGB	178, 177, 191
RGB Percent	70%, 69%, 75%
CMY	0.3018, 0.3059, 0.2510
CMYK	0.07, 0.07, 0.00, 0.25
HSL	244°, 10%, 72%
HSV	244°, 7%, 75%
XYZ	43.4918, 44.6708, 55.6121
YIQ	178.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

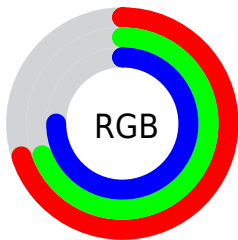
Format	Color
RYB	178, 177, 191
Decimal	11710911
CIELab	72.67, 3.08, -6.98
CIElCh	73, 7.630, 293.780
Yxy	44.6708, 0.3025, 0.3107
Android (android.graphics.Color)	4289900991 (0xFFB2B1BF)
YUV	178.8950, 5.9678, -0.7849
Hunter-Lab	66.8362, -0.8094, -2.5478

Details

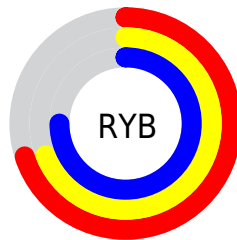
The Yxy color $44.6708, 0.3025, 0.3107$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.3692, 0.3226, 0.3468$, and the grayscale version is $44.9931, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4857, 0.3047, 0.3148$, and $20.6103, 0.2986, 0.3039$ is the 20% darker color. If you saturate the color by 10%, you get $35.6911, 0.2869, 0.2829$, and if you desaturate by 10%, it is $54.9793, 0.3162, 0.3353$.

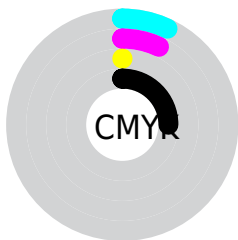
Distribution



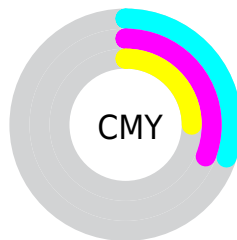
- Red (70%)
- Green (69%)
- Blue (75%)



- Red (70%)
- Yellow (69%)
- Blue (75%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6708, 0.3025, 0.3107 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 44.6708, 0.3025, 0.3107 by changing the saturation by 10% instead.

■ 44.6708, 0.3025,
0.3107

■ 44.6708, 0.3025,
0.3107

365.4387, 0.3077,
0.3198

■ 31.1982, 0.3012,
0.3084

■ 82.2262, 0.3044,
0.3140

■ 20.7498, 0.2995,
0.3055

107.0778, 0.3051,
0.3153

■ 12.9413, 0.2972,
0.3016

136.4912, 0.3057,
0.3163

■ 7.3881, 0.2940,
0.2961

170.8507, 0.3062,
0.3172

■ 3.7060, 0.2892,
0.2880

210.5408, 0.3066,
0.3180

■ 1.5105, 0.2810,
0.2746

255.9459, 0.3070,

■ 0.2961, 0.2437,

0.3187

0.2024

307.4504, 0.3074,
0.3193

0.0000, 0.0000,
0.0000

44.6708, 0.3025,
0.3107

44.6708, 0.3025,
0.3107

35.6911, 0.2869,
0.2829

54.9793, 0.3162,
0.3353

27.9808, 0.2693,
0.2521

66.6618, 0.3280,
0.3567

21.4842, 0.2500,
0.2189

79.7681, 0.3382,
0.3753

16.1395, 0.2297,
0.1842

94.3439, 0.3469,
0.3914

11.8793, 0.2093,
0.1501

96.5410, 0.3508,
0.3920

■ 8.6292, 0.1902,
0.1187

■ 6.3054, 0.1738,
0.0927

■ 4.8105, 0.1614,
0.0741

■ 4.0106, 0.1537,
0.0634

Harmonies

Analogous

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



44.6708, 0.2948, 0.3122



44.6708, 0.3025, 0.3107



44.6708, 0.3131, 0.3140

Triad

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



44.6708, 0.3025, 0.3107



44.6708, 0.3341, 0.3393



44.6708, 0.3017, 0.3371

Complementary

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



44.6708, 0.3025, 0.3107



51.3692, 0.3226, 0.3468

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.



44.6708, 0.3121, 0.3448



44.6708, 0.3025, 0.3107



44.6708, 0.3309, 0.3459

Square

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



44.6708, 0.3025, 0.3107



44.6708, 0.3314, 0.3303



44.6708, 0.3228, 0.3479



44.6708, 0.2944, 0.3273

Rectangle

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



44.6708, 0.3025, 0.3107



44.6708, 0.3203, 0.3184



44.6708, 0.3228, 0.3479



44.6708, 0.3050, 0.3400

Sweetspot

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



44.6727, 0.3025, 0.3107



89.4959, 0.3100, 0.3241



49.9577, 0.3015, 0.3278



19.6938, 0.3101, 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.



44.6727, 0.3025, 0.3107



76.9267, 0.2998, 0.3059



45.5075, 0.3083, 0.3110



9.2586, 0.2995, 0.3054



2.5491, 0.1528, 0.0615



0.1116, 0.1633, 0.0673

Inverse Universe

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



46.2314, 0.3144, 0.3126



80.3704, 0.3148, 0.3085



50.5043, 0.3168, 0.3471



9.6836, 0.3149, 0.3081



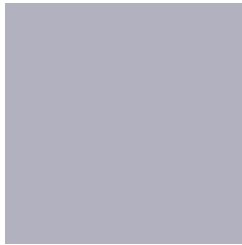
9.3624, 0.3404, 0.1649



0.3705, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 44.6708, 0.3025, 0.3107 looks on a white background.

Color Contrast Check

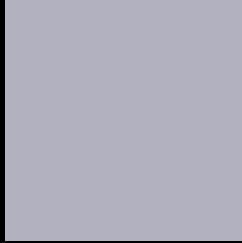
Large Text (above 18pt) WCAG AA × Fail

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 44.6708, 0.3025, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

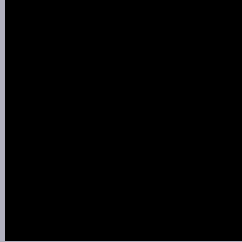
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

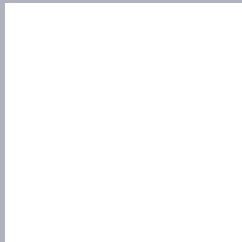
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6708, 0.3025, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 44.6708, 0.3025, 0.3107.

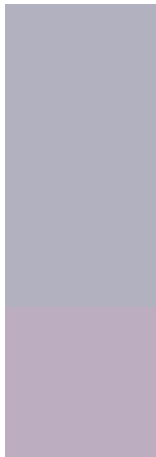


This preview shows how white text looks on a background with the Yxy color 44.6708, 0.3025, 0.3107.

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

44.6708, 0.3025, 0.3107

Protanopia

44.6708, 0.3025, 0.3107

Deuteranopia

44.5117, 0.3112, 0.3048



Tritanopia

44.6708, 0.3025, 0.3107

Trichromacy



Original Color

44.6708, 0.3025, 0.3107

Protanomaly

44.6708, 0.3025, 0.3107

Deuteranomaly

44.3922, 0.3077, 0.3059

Tritanomaly

44.6708, 0.3025, 0.3107

Monochromacy



Original Color

44.6708, 0.3025, 0.3107

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8434, 0.3096, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6708, 0.3025, 0.3107 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(178, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 177, 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(178, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 177, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.6708, 0.3025, 0.3107 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(178, 177, 191) }
```

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

```
.border{ border-color:rgb(178, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 177,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6708, 0.3025, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 177, 191) }
```

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

```
.background{ background-color: rgb(178,  
177, 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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