

Converting Colors

$Y_{xy}(45.3142, 0.2839, 0.3101)$

Have a look what the booklet for
Yxy(45.3142, 0.2839, 0.3101)
contains.

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Color

Yxy(45.3718, 0.2838, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	A0B7C5
RGB	160, 183, 197
RGB Percent	63%, 72%, 77%
CMY	0.3725, 0.2824, 0.2275
CMYK	0.19, 0.07, 0.00, 0.23
HSL	203°, 24%, 70%
HSV	203°, 19%, 77%
XYZ	41.5104, 45.3718, 59.3841
YIQ	177.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

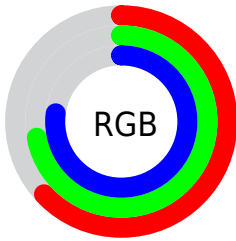
Format	Color
R _Y B	160, 174, 197
Decimal	10532805
CIE Lab	73.14, -4.85, -9.72
CIE LCh	73, 10.867, 243.466
Yxy	45.3718, 0.2838, 0.3102
Android (android.graphics.Color)	4288722885 (0xFFA0B7C5)
YUV	177.7190, 9.5055, -15.5396
Hunter-Lab	67.3586, -7.8752, -5.1197

Details

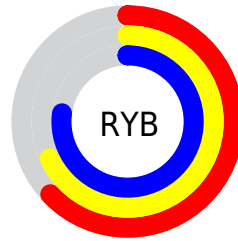
The Yxy color **45.3718, 0.2838, 0.3102** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6825, 0.3457, 0.3471**, and the grayscale version is **44.3231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3358, 0.2887, 0.3134**, and **21.1366, 0.2759, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **40.5077, 0.2683, 0.2987**, and if you desaturate by 10%, it is **50.7242, 0.2993, 0.3207**.

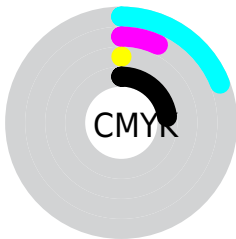
Distribution



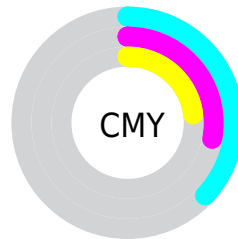
- Red (63%)
- Green (72%)
- Blue (77%)



- Red (63%)
- Yellow (68%)
- Blue (77%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)





- Cyan (37%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3718, 0.2838, 0.3102 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 45.3718, 0.2838, 0.3102 by changing the saturation by 10% instead.


 45.3718, 0.2838,
0.3102


 45.3718, 0.2838,
0.3102


368.2773, 0.2982,
0.3197

 31.7504, 0.2802,
0.3078


 83.2781, 0.2890,
0.3137

 21.1709, 0.2756,
0.3047


 108.3317, 0.2910,
0.3150

 13.2490, 0.2696,
0.3005


137.9648, 0.2926,
0.3161

 7.6002, 0.2611,
0.2946

172.5619, 0.2941,
0.3170

 3.8402, 0.2487,
0.2856

212.5073, 0.2953,
0.3178

 1.5846, 0.2285,
0.2706

258.1854, 0.2964,

 0.3472, 0.1306,

0.3186

0.2144

309.9806, 0.2974,
0.3192

0.0000, 0.0000,
0.0000

45.3718, 0.2838,
0.3102

45.3718, 0.2838,
0.3102

40.5077, 0.2683,
0.2987

50.7242, 0.2993,
0.3207

36.1086, 0.2531,
0.2863

56.5758, 0.3146,
0.3301

32.1575, 0.2387,
0.2729

62.9441, 0.3294,
0.3385

28.6340, 0.2253,
0.2590

69.8440, 0.3436,
0.3460

25.5156, 0.2134,
0.2445

76.6169, 0.3545,
0.3528

■ 22.7771, 0.2034,
0.2299

■ 80.6232, 0.3529,
0.3602

■ 20.3892, 0.1955,
0.2154

■ 84.8062, 0.3513,
0.3675

■ 18.3055, 0.1895,
0.2012

■ 89.1681, 0.3497,
0.3746

■ 18.0616, 0.1887,
0.1995

■ 93.7109, 0.3482,
0.3815

Harmonies

Analogous

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



45.3718, 0.2849, 0.3220



45.3718, 0.2838, 0.3102



45.3718, 0.2903, 0.3038

Triad

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



45.3718, 0.2838, 0.3102



45.3718, 0.3324, 0.3217



45.3718, 0.3222, 0.3554

Complementary

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



45.3718, 0.2838, 0.3102



44.6825, 0.3457, 0.3471

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.



45.3718, 0.3353, 0.3546



45.3718, 0.2838, 0.3102



45.3718, 0.3414, 0.3349

Square

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



45.3718, 0.2838, 0.3102



45.3718, 0.3182, 0.3106



45.3718, 0.3425, 0.3470



45.3718, 0.3068, 0.3486

Rectangle

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



45.3718, 0.2838, 0.3102



45.3718, 0.2981, 0.3032



45.3718, 0.3425, 0.3470



45.3718, 0.3270, 0.3560

Sweetspot

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



45.3737, 0.2838, 0.3102



93.5747, 0.3034, 0.3233



50.4416, 0.3008, 0.3607



19.8835, 0.3024, 0.3227



0.0000, 0.0000, 0.0000



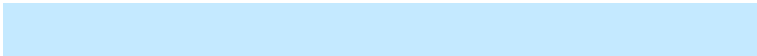
21.4041, 0.3127, 0.3290

Same Dimension

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



45.3737, 0.2838, 0.3102



77.1726, 0.2767, 0.3051



38.3990, 0.2824, 0.2852



11.3672, 0.2984, 0.3201



12.0468, 0.1893, 0.2013



0.7068, 0.1975, 0.2309

Inverse Universe

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



40.4367, 0.3273, 0.2998



66.7702, 0.3317, 0.2924



52.1319, 0.3417, 0.3693



10.7459, 0.3194, 0.3147



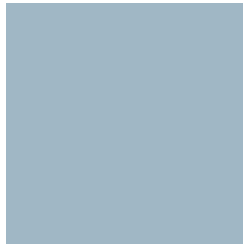
8.7561, 0.4438, 0.2219



0.4284, 0.4117, 0.2042

Previews

White Background



This preview shows how the Yxy color 45.3718, 0.2838, 0.3102 looks on a white background.

Color Contrast Check

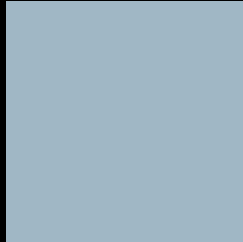
Large Text (above 18pt) WCAG AA × Fail

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 45.3718, 0.2838, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

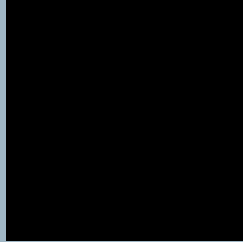
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

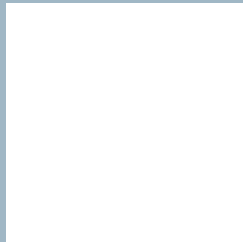
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3718, 0.2838, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 45.3718, 0.2838, 0.3102.



This preview shows how white text looks on a background with the Yxy color 45.3718, 0.2838, 0.3102.

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

45.3718, 0.2838, 0.3102

Protanopia

45.2008, 0.3001, 0.3082

Deuteranopia

45.0870, 0.3047, 0.2975



Tritanopia

45.3718, 0.2838, 0.3102

Trichromacy



Original Color

45.3718, 0.2838, 0.3102

Protanomaly

45.2406, 0.2937, 0.3092

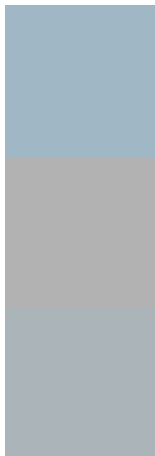
Deuteranomaly

44.9865, 0.2971, 0.3018

Tritanomaly

45.3718, 0.2838, 0.3102

Monochromacy



Original Color

45.3718, 0.2838, 0.3102

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.8032, 0.3012, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3718, 0.2838, 0.3102 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(160, 183, 197)` looks like.

```
.text, #text, p{  
    color:rgb(160, 183, 197)  
}
```

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(160, 183, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 183, 197) }
```

Border

The CSS property to change the border of an element to Yxy 45.3718, 0.2838, 0.3102 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(160, 183, 197) }
```

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

```
.border{ border-color:rgb(160, 183, 197) }
```

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

Here you see how a box with a 4 pixel rgb(160, 183, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 183, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 183, 197);  
box-shadow:4px 4px 4px 4px rgb(160, 183,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3718, 0.2838, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 183, 197) }
```

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

```
.background{ background-color: rgb(160,  
183, 197) }
```

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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