

Converting Colors

$Y_{xy}(45.1644, 0.2913, 0.3155)$

Have a look what the booklet for
Yxy(45.1644, 0.2913, 0.3155)
contains.

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Color

Yxy(45.2610, 0.2912, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	A5B6C0
RGB	165, 182, 192
RGB Percent	65%, 71%, 75%
CMY	0.3528, 0.2863, 0.2472
CMYK	0.14, 0.05, 0.00, 0.25
HSL	202°, 18%, 70%
HSV	202°, 14%, 75%
XYZ	41.7617, 45.2610, 56.3898
YIQ	178.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

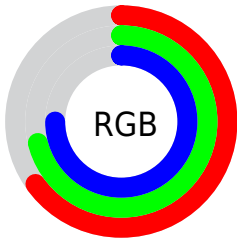
Format	Color
RYB	165, 175, 192
Decimal	10860224
CIELab	73.06, -3.78, -7.05
CIElCh	73, 8.002, 241.830
Yxy	45.2610, 0.2912, 0.3156
Android (android.graphics.Color)	4289050304 (0xFFA5B6C0)
YUV	178.0570, 6.8739, -11.4510
Hunter-Lab	67.2763, -6.9297, -2.6024

Details

The Yxy color `45.2610, 0.2912, 0.3156` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `44.5843, 0.3365, 0.3420`, and the grayscale version is `44.5235, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.1420, 0.2952, 0.3186`, and `21.0753, 0.2847, 0.3105` is the 20% darker color. If you saturate the color by 10%, you get `40.5178, 0.2757, 0.3049`, and if you desaturate by 10%, it is `50.4648, 0.3066, 0.3254`.

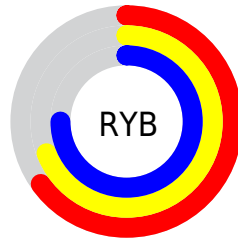
Distribution



Red (65%)

Green (71%)

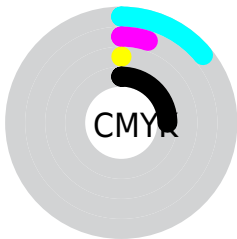
Blue (75%)



Red (65%)

Yellow (69%)

Blue (75%)

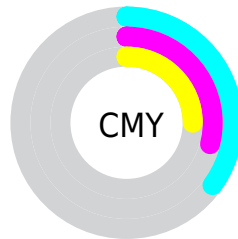


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2610, 0.2912, 0.3156 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 45.2610, 0.2912, 0.3156 by changing the saturation by 10% instead.

■ 45.2610, 0.2912,
0.3156

■ 45.2610, 0.2912,
0.3156

367.8296, 0.3020,
0.3224

■ 31.6631, 0.2885,
0.3139

■ 83.1119, 0.2951,
0.3181

■ 21.1043, 0.2851,
0.3116

■ 108.1337, 0.2966,
0.3190

■ 13.2002, 0.2805,
0.3086

137.7322, 0.2978,
0.3198

■ 7.5666, 0.2741,
0.3044

172.2919, 0.2989,
0.3205

■ 3.8189, 0.2646,
0.2980

212.1970, 0.2998,
0.3211

■ 1.5728, 0.2489,
0.2871

257.8321, 0.3006,

■ 0.3391, 0.1607,

0.3216

0.2369

309.5815, 0.3013,
0.3220

0.0000, 0.0000,
0.0000

45.2610, 0.2912,
0.3156

45.2610, 0.2912,
0.3156

40.5178, 0.2757,
0.3049

50.4648, 0.3066,
0.3254

36.2137, 0.2604,
0.2931

56.1385, 0.3216,
0.3341

32.3336, 0.2457,
0.2805

62.2983, 0.3362,
0.3419

28.8591, 0.2319,
0.2672

68.9577, 0.3501,
0.3488

25.7703, 0.2194,
0.2533

74.9700, 0.3588,
0.3553

■ 23.0451, 0.2086,
0.2391

■ 78.7260, 0.3571,
0.3623

■ 20.6582, 0.1997,
0.2248

■ 82.6420, 0.3554,
0.3693

■ 18.5795, 0.1930,
0.2108

■ 86.7198, 0.3538,
0.3761

■ 17.4531, 0.1896,
0.2026

■ 90.9612, 0.3522,
0.3827

Harmonies

Analogous

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



45.2610, 0.2923, 0.3245



45.2610, 0.2912, 0.3156



45.2610, 0.2957, 0.3105

Triad

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



45.2610, 0.2912, 0.3156



45.2610, 0.3267, 0.3232



45.2610, 0.3204, 0.3484

Complementary

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



45.2610, 0.2912, 0.3156



44.5843, 0.3365, 0.3420

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.



45.2610, 0.3298, 0.3477



45.2610, 0.2912, 0.3156



45.2610, 0.3336, 0.3330

Square

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



45.2610, 0.2912, 0.3156



45.2610, 0.3162, 0.3150



45.2610, 0.3347, 0.3420



45.2610, 0.3090, 0.3437

Rectangle

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



45.2610, 0.2912, 0.3156



45.2610, 0.3014, 0.3099



45.2610, 0.3347, 0.3420



45.2610, 0.3239, 0.3488

Sweetspot

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



45.2629, 0.2912, 0.3156



91.4368, 0.3065, 0.3253



48.7832, 0.3038, 0.3520



19.4563, 0.3054, 0.3246



97.7402, 0.3127, 0.3290



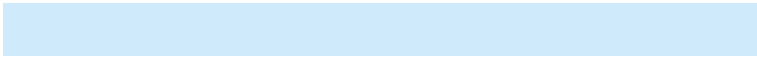
20.4902, 0.3127, 0.3290

Same Dimension

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



45.2629, 0.2912, 0.3156



79.1636, 0.2862, 0.3122



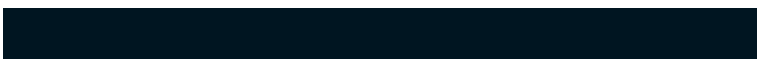
40.0435, 0.2906, 0.2972



10.7811, 0.2984, 0.3203



11.9003, 0.1901, 0.2043



0.6424, 0.1987, 0.2353

Inverse Universe

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



41.5022, 0.3230, 0.3072



71.0838, 0.3257, 0.3020



50.0516, 0.3341, 0.3589



10.1822, 0.3193, 0.3146



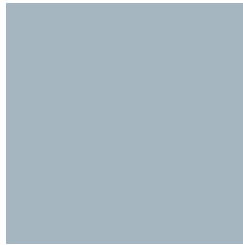
8.4836, 0.4404, 0.2200



0.3795, 0.4071, 0.2016

Previews

White Background



This preview shows how the Yxy color 45.2610, 0.2912, 0.3156 looks on a white background.

Color Contrast Check

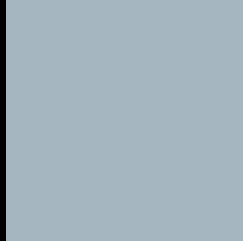
Large Text (above 18pt) WCAG AA × Fail

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 45.2610, 0.2912, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

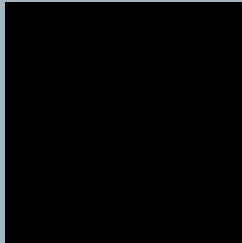
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

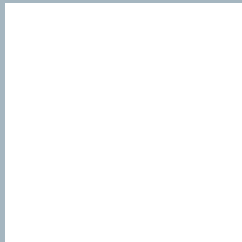
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2610, 0.2912, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 45.2610, 0.2912, 0.3156.

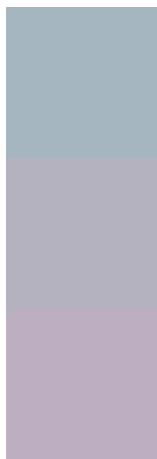


This preview shows how white text looks on a background with the Yxy color 45.2610, 0.2912, 0.3156.

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

45.2610, 0.2912, 0.3156

Protanopia

45.1422, 0.3041, 0.3133

Deuteranopia

45.1143, 0.3104, 0.3037



Tritanopia

45.1403, 0.2890, 0.3090

Trichromacy



Original Color

45.2610, 0.2912, 0.3156

Protanomaly

45.0005, 0.2991, 0.3132

Deuteranomaly

45.1183, 0.3034, 0.3083

Tritanomaly

45.0949, 0.2897, 0.3103

Monochromacy



Original Color

45.2610, 0.2912, 0.3156

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5433, 0.3044, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2610, 0.2912, 0.3156 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(165, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 182, 192)  
}
```

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(165, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 182, 192) }
```

Border

The CSS property to change the border of an element to Yxy 45.2610, 0.2912, 0.3156 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(165, 182, 192) }
```

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

```
.border{ border-color:rgb(165, 182, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 182,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2610, 0.2912, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 182, 192) }
```

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

```
.background{ background-color: rgb(165,  
182, 192) }
```

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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