

Converting Colors

$Y_{xy}(45.1644, 0.2896, 0.3151)$

Have a look what the booklet for
Yxy(45.1644, 0.2896, 0.3151)
contains.

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Color

Yxy(45.0482, 0.2896, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	A3B6C0
RGB	163, 182, 192
RGB Percent	64%, 71%, 75%
CMY	0.3607, 0.2863, 0.2471
CMYK	0.15, 0.05, 0.00, 0.25
HSL	201°, 19%, 70%
HSV	201°, 15%, 75%
XYZ	41.3501, 45.0482, 56.3852
YIQ	177.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

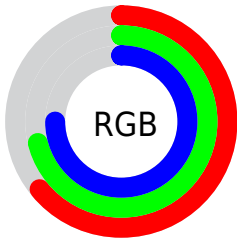
Format	Color
RYP	163, 174, 192
Decimal	10729152
CIELab	72.92, -4.43, -7.29
CIELCh	73, 8.530, 238.727
Yxy	45.0482, 0.2896, 0.3155
Android (android.graphics.Color)	4288919232 (0xFFA3B6C0)
YUV	177.4590, 7.1687, -12.6805
Hunter-Lab	67.1180, -7.4859, -2.8264

Details

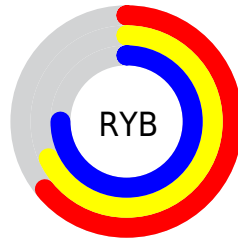
The Yxy color **45.0482, 0.2896, 0.3155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7498, 0.3386, 0.3421**, and the grayscale version is **44.1905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8318, 0.2939, 0.3185**, and **20.9441, 0.2826, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **40.5234, 0.2742, 0.3054**, and if you desaturate by 10%, it is **50.0130, 0.3050, 0.3247**.

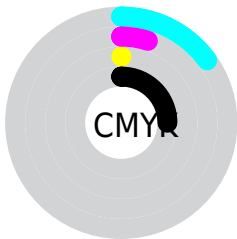
Distribution



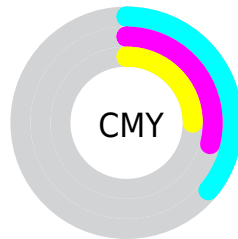
- Red (64%)
- Green (71%)
- Blue (75%)



- Red (64%)
- Yellow (68%)
- Blue (75%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)





- Cyan (36%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0482, 0.2896, 0.3155 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 45.0482, 0.2896, 0.3155 by changing the saturation by 10% instead.

 45.0482, 0.2896,
0.3155

 45.0482, 0.2896,
0.3155


366.9687, 0.3012,
0.3224

 31.4954, 0.2867,
0.3138


 82.7927, 0.2938,
0.3180

 20.9764, 0.2830,
0.3115


 107.7533, 0.2954,
0.3190

 13.1067, 0.2781,
0.3084


137.2851, 0.2967,
0.3197

 7.5021, 0.2712,
0.3041

171.7728, 0.2978,
0.3204

 3.7780, 0.2610,
0.2975

211.6005, 0.2988,
0.3210

 1.5502, 0.2442,
0.2863

257.1529, 0.2997,

 0.3237, 0.1440,

0.3215

0.2336

308.8141, 0.3005,
0.3220

0.0000, 0.0000,
0.0000

45.0482, 0.2896,
0.3155

45.0482, 0.2896,
0.3155

40.5234, 0.2742,
0.3054

50.0130, 0.3050,
0.3247

36.4174, 0.2592,
0.2944

55.4268, 0.3201,
0.3329

32.7154, 0.2448,
0.2827

61.3054, 0.3348,
0.3403

29.3993, 0.2314,
0.2702

67.6620, 0.3489,
0.3469

26.4495, 0.2194,
0.2573

73.7379, 0.3593,
0.3529

■ 23.8439, 0.2092,
0.2441

■ 77.1853, 0.3577,
0.3595

■ 21.5574, 0.2009,
0.2309

■ 80.7710, 0.3562,
0.3660

■ 19.5597, 0.1947,
0.2179

■ 84.4966, 0.3546,
0.3724

■ 18.6556, 0.1921,
0.2116

■ 88.3637, 0.3531,
0.3787

Harmonies

Analogous

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



45.0482, 0.2914, 0.3253



45.0482, 0.2896, 0.3155



45.0482, 0.2938, 0.3096

Triad

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



45.0482, 0.2896, 0.3155



45.0482, 0.3267, 0.3217



45.0482, 0.3221, 0.3500

Complementary

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



45.0482, 0.2896, 0.3155



43.7498, 0.3386, 0.3421

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.



45.0482, 0.3318, 0.3486



45.0482, 0.2896, 0.3155



45.0482, 0.3345, 0.3321

Square

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



45.0482, 0.2896, 0.3155



45.0482, 0.3151, 0.3133



45.0482, 0.3364, 0.3419



45.0482, 0.3100, 0.3455

Rectangle

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



45.0482, 0.2896, 0.3155



45.0482, 0.2996, 0.3085



45.0482, 0.3364, 0.3419



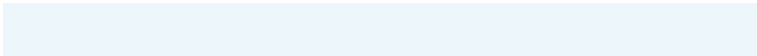
45.0482, 0.3257, 0.3502

Sweetspot

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



45.0501, 0.2896, 0.3155



90.6304, 0.3050, 0.3247



48.4940, 0.3038, 0.3552



19.3009, 0.3039, 0.3241



97.7402, 0.3127, 0.3290



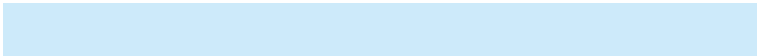
20.4902, 0.3127, 0.3290

Same Dimension

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



45.0501, 0.2896, 0.3155



78.9206, 0.2847, 0.3124



39.5463, 0.2889, 0.2960



10.8240, 0.2984, 0.3209



12.7028, 0.1926, 0.2132



0.6733, 0.2006, 0.2420

Inverse Universe

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



40.7871, 0.3232, 0.3046



69.8908, 0.3258, 0.2992



49.4656, 0.3359, 0.3600



10.1865, 0.3189, 0.3140



8.5646, 0.4306, 0.2146



0.3826, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 45.0482, 0.2896, 0.3155 looks on a white background.

Color Contrast Check

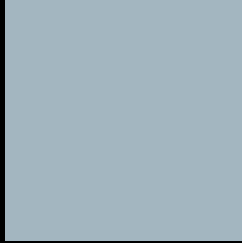
Large Text (above 18pt) WCAG AA × Fail

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 45.0482, 0.2896, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

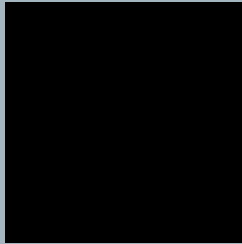
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

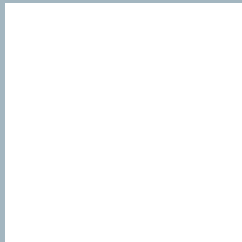
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0482, 0.2896, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 45.0482, 0.2896, 0.3155.



This preview shows how white text looks on a background with the Yxy color 45.0482, 0.2896, 0.3155.

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

45.0482, 0.2896, 0.3155

Protanopia

45.0986, 0.3048, 0.3146

Deuteranopia

44.9860, 0.3095, 0.3036



Tritanopia

44.9258, 0.2874, 0.3089

Trichromacy



Original Color

45.0482, 0.2896, 0.3155

Protanomaly

44.8421, 0.2990, 0.3144

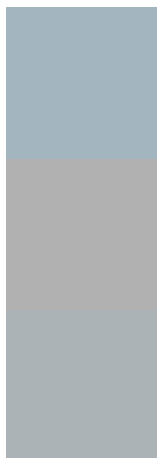
Deuteranomaly

44.9978, 0.3026, 0.3083

Tritanomaly

44.8804, 0.2882, 0.3102

Monochromacy



Original Color

45.0482, 0.2896, 0.3155

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3883, 0.3044, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0482, 0.2896, 0.3155 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(163, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 182, 192) }
```

Border

The CSS property to change the border of an element to Yxy 45.0482, 0.2896, 0.3155 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(163, 182, 192) }
```

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

```
.border{ border-color:rgb(163, 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(163, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 182,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0482, 0.2896, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 182, 192) }
```

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

```
.background{ background-color: rgb(163,  
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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