

Converting Colors

$Y_{xy}(45.2578, 0.2783, 0.2979)$

Have a look what the booklet for
Yxy(45.2578, 0.2783, 0.2979)
contains.

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Color

Yxy(45.3373, 0.2782, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	A0B6CD
RGB	160, 182, 205
RGB Percent	63%, 71%, 80%
CMY	0.3723, 0.2863, 0.1960
CMYK	0.22, 0.11, 0.00, 0.20
HSL	211°, 31%, 72%
HSV	211°, 22%, 80%
XYZ	42.2541, 45.3373, 64.2924
YIQ	178.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

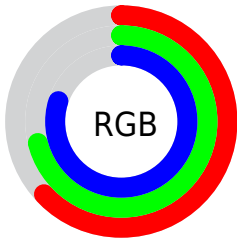
Format	Color
RYB	160, 175, 205
Decimal	10532557
CIELab	73.11, -2.51, -14.15
CIElCh	73, 14.365, 259.956
Yxy	45.3373, 0.2782, 0.2985
Android (android.graphics.Color)	4288722637 (0xFFA0B6CD)
YUV	178.0440, 13.2893, -15.8246
Hunter-Lab	67.3330, -5.8170, -9.4795

Details

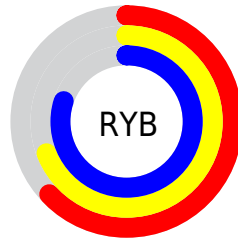
The Yxy color `45.3373, 0.2782, 0.2985` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.4235, 0.3509, 0.3577`, and the grayscale version is `44.4877, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.8161, 0.2881, 0.3113`, and `21.1230, 0.2685, 0.2891` is the 20% darker color. If you saturate the color by 10%, you get `39.2558, 0.2618, 0.2822`, and if you desaturate by 10%, it is `52.0935, 0.2943, 0.3133`.

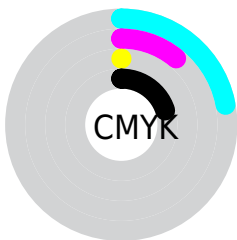
Distribution



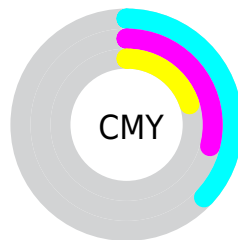
- Red (63%)
- Green (71%)
- Blue (80%)



- Red (63%)
- Yellow (69%)
- Blue (80%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)





- Cyan (37%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3373, 0.2782, 0.2985 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 45.3373, 0.2782, 0.2985 by changing the saturation by 10% instead.


 45.3373, 0.2782,
0.2985


 45.3373, 0.2782,
0.2985


368.1379, 0.2954,
0.3138

 31.7232, 0.2740,
0.2947


 83.2263, 0.2844,
0.3041

 21.1502, 0.2685,
0.2898


 108.2700, 0.2868,
0.3062

 13.2338, 0.2613,
0.2832


137.8924, 0.2887,
0.3079

 7.5897, 0.2514,
0.2741

172.4778, 0.2904,
0.3094

 3.8336, 0.2369,
0.2607

212.4107, 0.2919,
0.3108

 1.5809, 0.2136,
0.2388

258.0754, 0.2932,

 0.3447, 0.1311,

0.3119

0.1695

309.8563, 0.2944,
0.3129

0.0000, 0.0000,
0.0000

45.3373, 0.2782,
0.2985

45.3373, 0.2782,
0.2985

39.2558, 0.2618,
0.2822

52.0935, 0.2943,
0.3133

33.8195, 0.2455,
0.2645

59.5415, 0.3098,
0.3266

29.0043, 0.2296,
0.2457

67.7047, 0.3246,
0.3384

24.7824, 0.2147,
0.2260

76.6037, 0.3385,
0.3489

21.1232, 0.2014,
0.2060

84.7950, 0.3461,
0.3586

■ 17.9927, 0.1902,
0.1862

■ 90.9693, 0.3441,
0.3687

■ 15.3511, 0.1813,
0.1671

■ 97.1887, 0.3424,
0.3780

■ 13.5251, 0.1757,
0.1525

Harmonies

Analogous

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



45.3373, 0.2741, 0.3102



45.3373, 0.2782, 0.2985



45.3373, 0.2913, 0.2951

Triad

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



45.3373, 0.2782, 0.2985



45.3373, 0.3466, 0.3287



45.3373, 0.3139, 0.3604

Complementary

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



45.3373, 0.2782, 0.2985



49.4235, 0.3509, 0.3577

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.



45.3373, 0.3337, 0.3649



45.3373, 0.2782, 0.2985



45.3373, 0.3529, 0.3458

Square

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



45.3373, 0.2782, 0.2985



45.3373, 0.3308, 0.3123



45.3373, 0.3481, 0.3592



45.3373, 0.2943, 0.3465

Rectangle

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



45.3373, 0.2782, 0.2985



45.3373, 0.3037, 0.2976



45.3373, 0.3481, 0.3592



45.3373, 0.3208, 0.3630

Sweetspot

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



45.3391, 0.2782, 0.2985



91.0752, 0.3019, 0.3199



54.5503, 0.2948, 0.3586



19.3350, 0.3009, 0.3191



0.0000, 0.0000, 0.0000



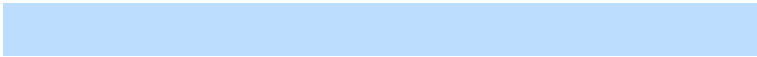
21.4041, 0.3127, 0.3290

Same Dimension

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



45.3391, 0.2782, 0.2985



69.7356, 0.2710, 0.2915



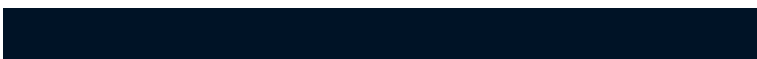
37.0485, 0.2760, 0.2683



11.7323, 0.2983, 0.3168



8.6074, 0.1764, 0.1551



0.5958, 0.1865, 0.1912

Inverse Universe

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



41.5193, 0.3359, 0.3018



62.7490, 0.3418, 0.2961



59.1931, 0.3455, 0.3832



11.3034, 0.3215, 0.3177



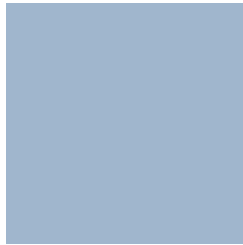
8.6719, 0.4994, 0.2524



0.4627, 0.4554, 0.2282

Previews

White Background



This preview shows how the Yxy color 45.3373, 0.2782, 0.2985 looks on a white background.

Color Contrast Check

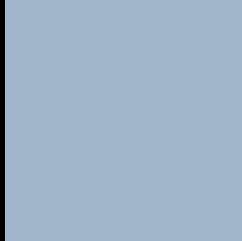
Large Text (above 18pt) WCAG AA × Fail

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 45.3373, 0.2782, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

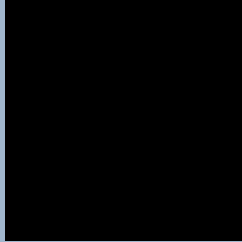
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

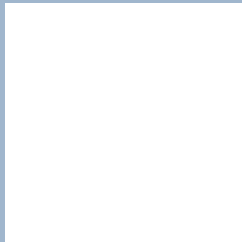
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3373, 0.2782, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 45.3373, 0.2782, 0.2985.



This preview shows how white text looks on a background with the Yxy color 45.3373, 0.2782, 0.2985.

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

45.3373, 0.2782, 0.2985

Protanopia

45.2190, 0.2917, 0.2980

Deuteranopia

45.3553, 0.2952, 0.2888



Tritanopia

45.3151, 0.2823, 0.3088

Trichromacy



Original Color

45.3373, 0.2782, 0.2985

Protanomaly

45.0980, 0.2870, 0.2977

Deuteranomaly

45.4110, 0.2887, 0.2931

Tritanomaly

45.4549, 0.2803, 0.3049

Monochromacy



Original Color

45.3373, 0.2782, 0.2985

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5290, 0.2989, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3373, 0.2782, 0.2985 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, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(160, 182, 205)  
}
```

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, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 182, 205) }
```

Border

The CSS property to change the border of an element to Yxy 45.3373, 0.2782, 0.2985 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, 182, 205) }
```

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

```
.border{ border-color:rgb(160, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(160, 182,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3373, 0.2782, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 182, 205) }
```

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

```
.background{ background-color: rgb(160,  
182, 205) }
```

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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