

Converting Colors

$Yxy(44.9525, 0.2989, 0.3314)$

Have a look what the booklet for
Yxy(44.9525, 0.2989, 0.3314)
contains.

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Color

Yxy(45.0957, 0.2985, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	A4B7B5
RGB	164, 183, 181
RGB Percent	64%, 72%, 71%
CMY	0.3569, 0.2823, 0.2902
CMYK	0.10, 0.00, 0.01, 0.28
HSL	174°, 12%, 68%
HSV	174°, 10%, 72%
XYZ	40.5821, 45.0957, 50.2755
YIQ	177.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

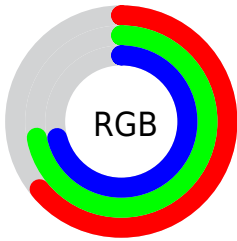
Format	Color
RYB	164, 174, 183
Decimal	10794933
CIELab	72.95, -6.92, -1.21
CIELCh	73, 7.028, 189.936
Yxy	45.0957, 0.2985, 0.3317
Android (android.graphics.Color)	4288985013 (0xFFA4B7B5)
YUV	177.0910, 1.9271, -11.4808
Hunter-Lab	67.1533, -9.6473, 2.6188

Details

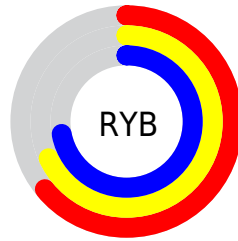
The Yxy color $45.0957, 0.2985, 0.3317$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.3712, 0.3290, 0.3263$, and the grayscale version is $44.0108, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9075, 0.3010, 0.3311$, and $20.9685, 0.2945, 0.3327$ is the 20% darker color. If you saturate the color by 10%, you get $43.2095, 0.2855, 0.3346$, and if you desaturate by 10%, it is $47.2670, 0.3122, 0.3291$.

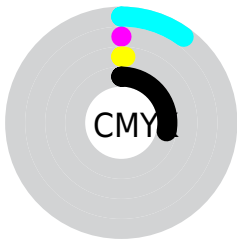
Distribution



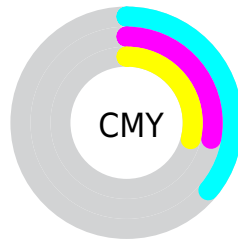
- Red (64%)
- Green (72%)
- Blue (71%)



- Red (64%)
- Yellow (68%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)




- Cyan (36%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0957, 0.2985, 0.3317 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 45.0957, 0.2985, 0.3317 by changing the saturation by 10% instead.


 45.0957, 0.2985,
0.3317

 45.0957, 0.2985,
0.3317


367.1610, 0.3056,
0.3304

 31.5328, 0.2967,
0.3320


 82.8640, 0.3011,
0.3312

 21.0049, 0.2944,
0.3324


 107.8382, 0.3021,
0.3310

 13.1276, 0.2913,
0.3330


137.3850, 0.3029,
0.3309

 7.5165, 0.2870,
0.3337

171.8887, 0.3036,
0.3308

 3.7871, 0.2805,
0.3348

211.7338, 0.3042,
0.3306

 1.5552, 0.2696,
0.3366

257.3046, 0.3047,

 0.3271, 0.1560,

0.3305

0.3595

308.9855, 0.3052,
0.3305

0.0000, 0.0000,
0.0000

45.0957, 0.2985,
0.3317

45.0957, 0.2985,
0.3317

43.2095, 0.2855,
0.3346

47.2670, 0.3122,
0.3291

41.5907, 0.2735,
0.3376

49.7289, 0.3263,
0.3267

40.2286, 0.2628,
0.3409

52.4938, 0.3406,
0.3246

39.1092, 0.2535,
0.3443

55.5719, 0.3548,
0.3228

38.2176, 0.2460,
0.3479

58.8779, 0.3684,
0.3211

■ 37.5368, 0.2403,
0.3515

■ 58.9638, 0.3667,
0.3191

■ 37.0478, 0.2365,
0.3551

■ 59.0508, 0.3650,
0.3171

■ 36.7278, 0.2345,
0.3587

■ 59.1389, 0.3633,
0.3151

■ 36.5355, 0.2339,
0.3622

■ 59.2282, 0.3617,
0.3131

Harmonies

Analogous

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



45.0957, 0.3068, 0.3401



45.0957, 0.2985, 0.3317



45.0957, 0.2940, 0.3227

Triad

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



45.0957, 0.2985, 0.3317



45.0957, 0.3084, 0.3133



45.0957, 0.3314, 0.3421

Complementary

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



45.0957, 0.2985, 0.3317



39.3712, 0.3290, 0.3263

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.



45.0957, 0.3318, 0.3348



45.0957, 0.2985, 0.3317



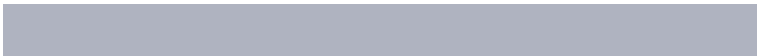
45.0957, 0.3185, 0.3183

Square

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



45.0957, 0.2985, 0.3317



45.0957, 0.2996, 0.3123



45.0957, 0.3271, 0.3261



45.0957, 0.3258, 0.3461

Rectangle

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



45.0957, 0.2985, 0.3317



45.0957, 0.2937, 0.3177



45.0957, 0.3271, 0.3261



45.0957, 0.3321, 0.3400

Sweetspot

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



45.0976, 0.2985, 0.3317



83.5633, 0.3085, 0.3298



44.6800, 0.3134, 0.3553



18.3857, 0.3074, 0.3300



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.0976, 0.2985, 0.3317



80.1138, 0.2961, 0.3322



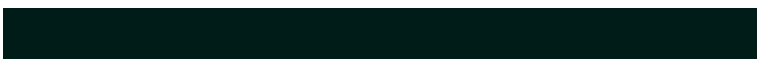
42.2519, 0.2969, 0.3190



10.1938, 0.2999, 0.3314



25.4917, 0.2338, 0.3618



0.9034, 0.2312, 0.3525

Inverse Universe

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



39.3712, 0.3290, 0.3263



68.2192, 0.3322, 0.3258



41.9813, 0.3297, 0.3388



9.0273, 0.3271, 0.3266



7.0620, 0.6256, 0.3220



0.2541, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 45.0957, 0.2985, 0.3317 looks on a white background.

Color Contrast Check

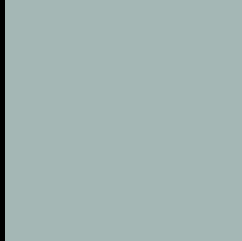
Large Text (above 18pt) WCAG AA × Fail

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 45.0957, 0.2985, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

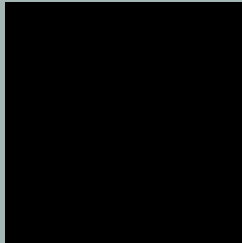
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

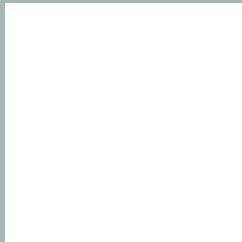
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0957, 0.2985, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 45.0957, 0.2985, 0.3317.

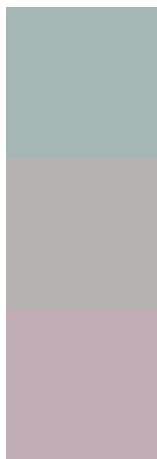


This preview shows how white text looks on a background with the Yxy color 45.0957, 0.2985, 0.3317.

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

45.0957, 0.2985, 0.3317

Protanopia

45.0002, 0.3162, 0.3290

Deuteranopia

44.7754, 0.3231, 0.3163



Tritanopia

45.0949, 0.2897, 0.3103

Trichromacy



Original Color

45.0957, 0.2985, 0.3317

Protanomaly

45.0111, 0.3092, 0.3303

Deuteranomaly

44.8890, 0.3139, 0.3225

Tritanomaly

45.1729, 0.2926, 0.3182

Monochromacy



Original Color

45.0957, 0.2985, 0.3317

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2252, 0.3075, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0957, 0.2985, 0.3317 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(164, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 181)  
}
```

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(164, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 181) }
```

Border

The CSS property to change the border of an element to Yxy 45.0957, 0.2985, 0.3317 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(164, 183, 181) }
```

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

```
.border{ border-color:rgb(164, 183, 181) }
```

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

Here you see how a box with a 4 pixel rgb(164, 183, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0957, 0.2985, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 181) }
```

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

```
.background{ background-color: rgb(164,  
183, 181) }
```

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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