

Converting Colors

$Y_{xy}(45.0955, 0.2949, 0.3325)$

Have a look what the booklet for
Yxy(45.0955, 0.2949, 0.3325)
contains.

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Color

Yxy(45.0908, 0.2953, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	A0B8B5
RGB	160, 184, 181
RGB Percent	63%, 72%, 71%
CMY	0.3726, 0.2784, 0.2903
CMYK	0.13, 0.00, 0.02, 0.28
HSL	172°, 14%, 67%
HSV	172°, 13%, 72%
XYZ	39.9739, 45.0908, 50.3024
YIQ	176.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

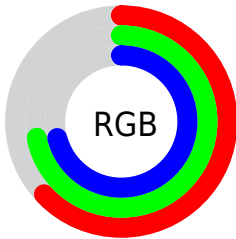
Format	Color
R _Y B	160, 173, 184
Decimal	10533045
CIE Lab	72.95, -8.80, -1.25
CIE LCh	73, 8.887, 188.059
Yxy	45.0908, 0.2953, 0.3331
Android (android.graphics.Color)	4288723125 (0xFFA0B8B5)
YUV	176.4820, 2.2274, -14.4547
Hunter-Lab	67.1497, -11.2517, 2.5901

Details

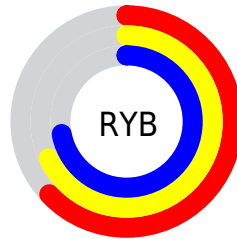
The Yxy color **45.0908, 0.2953, 0.3331** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.9722, 0.3333, 0.3250**, and the grayscale version is **43.6731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8817, 0.2984, 0.3321**, and **20.9793, 0.2903, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **43.2403, 0.2828, 0.3366**, and if you desaturate by 10%, it is **47.2273, 0.3086, 0.3299**.

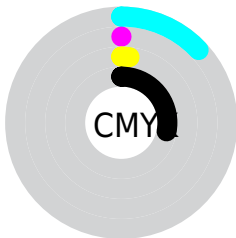
Distribution



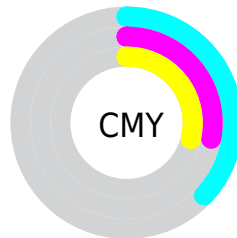
- Red (63%)
- Green (72%)
- Blue (71%)



- Red (63%)
- Yellow (68%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)





- Cyan (37%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0908, 0.2953, 0.3331 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 45.0908, 0.2953, 0.3331 by changing the saturation by 10% instead.


 45.0908, 0.2953,
0.3331


 45.0908, 0.2953,
0.3331

367.1412, 0.3040,
0.3311

 31.5290, 0.2931,
0.3336


 82.8567, 0.2985,
0.3324

 21.0020, 0.2903,
0.3342


 107.8294, 0.2997,
0.3321

 13.1254, 0.2865,
0.3351


137.3747, 0.3007,
0.3319

 7.5150, 0.2812,
0.3362

171.8767, 0.3015,
0.3317

 3.7862, 0.2733,
0.3379

211.7200, 0.3023,
0.3315

 1.5547, 0.2600,
0.3406

257.2889, 0.3029,

 0.3268, 0.1107,

0.3313

0.3776

308.9678, 0.3035,
0.3312

0.0000, 0.0000,
0.0000

45.0908, 0.2953,
0.3331

45.0908, 0.2953,
0.3331

43.2403, 0.2828,
0.3366

47.2273, 0.3086,
0.3299

41.6579, 0.2713,
0.3403

49.6558, 0.3223,
0.3270

40.3323, 0.2611,
0.3443

52.3889, 0.3362,
0.3244

39.2491, 0.2524,
0.3484

55.4371, 0.3502,
0.3221

38.3926, 0.2455,
0.3527

58.8101, 0.3640,
0.3201

■ 37.7453, 0.2405,
0.3571

■ 59.4808, 0.3645,
0.3178

■ 37.2869, 0.2373,
0.3615

■ 59.5865, 0.3625,
0.3154

■ 36.9932, 0.2360,
0.3658

■ 59.6938, 0.3605,
0.3130

■ 36.8522, 0.2358,
0.3688

■ 59.8027, 0.3585,
0.3106

Harmonies

Analogous

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



45.0908, 0.3060, 0.3436



45.0908, 0.2953, 0.3331



45.0908, 0.2893, 0.3216

Triad

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



45.0908, 0.2953, 0.3331



45.0908, 0.3064, 0.3090



45.0908, 0.3366, 0.3451

Complementary

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



45.0908, 0.2953, 0.3331



37.9722, 0.3333, 0.3250

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.



45.0908, 0.3368, 0.3356



45.0908, 0.2953, 0.3331



45.0908, 0.3192, 0.3150

Square

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



45.0908, 0.2953, 0.3331



45.0908, 0.2956, 0.3080



45.0908, 0.3303, 0.3247



45.0908, 0.3299, 0.3505

Rectangle

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



45.0908, 0.2953, 0.3331



45.0908, 0.2886, 0.3151



45.0908, 0.3303, 0.3247



45.0908, 0.3374, 0.3422

Sweetspot

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



45.0927, 0.2953, 0.3331



85.1872, 0.3072, 0.3302



44.6291, 0.3138, 0.3626



18.2989, 0.3062, 0.3305



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.



45.0927, 0.2953, 0.3331



80.5999, 0.2912, 0.3342



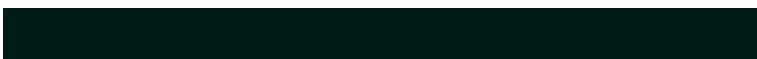
41.6710, 0.2928, 0.3168



10.1906, 0.3002, 0.3319



25.4022, 0.2356, 0.3683



0.9010, 0.2325, 0.3571

Inverse Universe

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



37.9722, 0.3333, 0.3250



64.8736, 0.3393, 0.3239



41.0282, 0.3346, 0.3409



9.0301, 0.3268, 0.3261



7.0722, 0.6219, 0.3200



0.2553, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 45.0908, 0.2953, 0.3331 looks on a white background.

Color Contrast Check

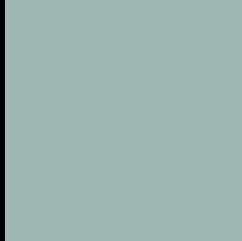
Large Text (above 18pt) WCAG AA × Fail

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 45.0908, 0.2953, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

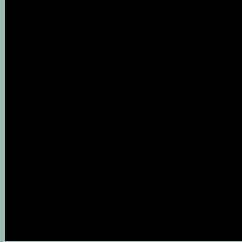
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0908, 0.2953, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 45.0908, 0.2953, 0.3331.

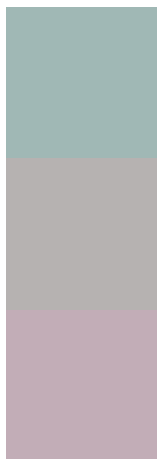


This preview shows how white text looks on a background with the Yxy color 45.0908, 0.2953, 0.3331.

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

45.0908, 0.2953, 0.3331

Protanopia

44.9602, 0.3170, 0.3303

Deuteranopia

44.7754, 0.3231, 0.3163



Tritanopia

45.2279, 0.2867, 0.3103

Trichromacy



Original Color

45.0908, 0.2953, 0.3331

Protanomaly

44.8555, 0.3092, 0.3317

Deuteranomaly

44.7668, 0.3130, 0.3225

Tritanomaly

45.3099, 0.2896, 0.3182

Monochromacy



Original Color

45.0908, 0.2953, 0.3331

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0006, 0.3058, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0908, 0.2953, 0.3331 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, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 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(160, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 181) }
```

Border

The CSS property to change the border of an element to Yxy 45.0908, 0.2953, 0.3331 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, 184, 181) }
```

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

```
.border{ border-color:rgb(160, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0908, 0.2953, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 181) }
```

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

```
.background{ background-color: rgb(160,  
184, 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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