

Converting Colors

$Y_{xy}(45.1848, 0.2974, 0.3252)$

Have a look what the booklet for
Yxy(45.1848, 0.2974, 0.3252)
contains.

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Color

Yxy(45.0657, 0.2971, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	A6B6B9
RGB	166, 182, 185
RGB Percent	65%, 71%, 73%
CMY	0.3491, 0.2862, 0.2745
CMYK	0.10, 0.02, 0.00, 0.27
HSL	189°, 12%, 69%
HSV	189°, 10%, 73%
XYZ	41.2097, 45.0657, 52.4310
YIQ	177.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

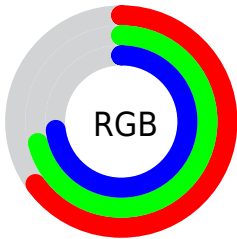
Format	Color
RYB	166, 175, 185
Decimal	10925753
CIELab	72.94, -4.91, -3.43
CIELCh	73, 5.984, 214.915
Yxy	45.0657, 0.2971, 0.3249
Android (android.graphics.Color)	4289115833 (0xFFA6B6B9)
YUV	177.5580, 3.6689, -10.1364
Hunter-Lab	67.1310, -7.9035, 0.6847

Details

The Yxy color **45.0657, 0.2971, 0.3249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4420, 0.3301, 0.3331**, and the grayscale version is **44.2600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8721, 0.2999, 0.3258**, and **20.9439, 0.2926, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **42.0254, 0.2823, 0.3205**, and if you desaturate by 10%, it is **48.4224, 0.3123, 0.3289**.

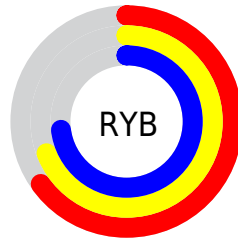
Distribution



Red (65%)

Green (71%)

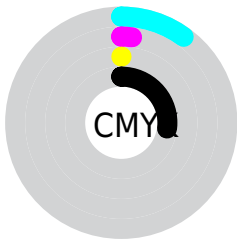
Blue (73%)



Red (65%)

Yellow (69%)

Blue (73%)

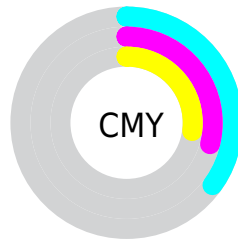


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0657, 0.2971, 0.3249 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 45.0657, 0.2971, 0.3249 by changing the saturation by 10% instead.

■ 45.0657, 0.2971,
0.3249

■ 45.0657, 0.2971,
0.3249

■ 367.0396, 0.3049,
0.3270

■ 31.5092, 0.2951,
0.3244

■ 82.8190, 0.2999,
0.3257

■ 20.9869, 0.2926,
0.3236

■ 107.7846, 0.3010,
0.3260

■ 13.1144, 0.2893,
0.3227

■ 137.3219, 0.3019,
0.3262

■ 7.5074, 0.2845,
0.3213

■ 171.8155, 0.3027,
0.3264

■ 3.7814, 0.2775,
0.3191

■ 211.6496, 0.3034,
0.3266

■ 1.5520, 0.2657,
0.3153

■ 257.2088, 0.3039,

■ 0.3249, 0.1707,

0.3268

0.2935

308.8773, 0.3045,
0.3269

0.0000, 0.0000,
0.0000

45.0657, 0.2971,
0.3249

45.0657, 0.2971,
0.3249

42.0254, 0.2823,
0.3205

48.4224, 0.3123,
0.3289

39.2834, 0.2683,
0.3158

52.1014, 0.3276,
0.3325

36.8285, 0.2552,
0.3108

56.1158, 0.3429,
0.3357

34.6462, 0.2435,
0.3056

60.4758, 0.3579,
0.3386

32.7209, 0.2333,
0.3001

64.5227, 0.3696,
0.3413

■ 31.0352, 0.2248,
0.2945

■ 65.8595, 0.3688,
0.3443

■ 29.5693, 0.2183,
0.2889

■ 67.2221, 0.3680,
0.3473

■ 28.2999, 0.2137,
0.2833

■ 68.6107, 0.3672,
0.3503

■ 27.2088, 0.2106,
0.2780

■ 70.0254, 0.3664,
0.3532

Harmonies

Analogous

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



45.0657, 0.3016, 0.3326



45.0657, 0.2971, 0.3249



45.0657, 0.2967, 0.3185

Triad

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



45.0657, 0.2971, 0.3249



45.0657, 0.3162, 0.3190



45.0657, 0.3249, 0.3432

Complementary

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



45.0657, 0.2971, 0.3249



41.4420, 0.3301, 0.3331

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.



45.0657, 0.3290, 0.3393



45.0657, 0.2971, 0.3249



45.0657, 0.3239, 0.3254

Square

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



45.0657, 0.2971, 0.3249



45.0657, 0.3077, 0.3152



45.0657, 0.3286, 0.3328



45.0657, 0.3176, 0.3433

Rectangle

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



45.0657, 0.2971, 0.3249



45.0657, 0.2988, 0.3157



45.0657, 0.3286, 0.3328



45.0657, 0.3267, 0.3423

Sweetspot

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



45.0676, 0.2971, 0.3249



84.9926, 0.3081, 0.3278



45.6670, 0.3093, 0.3512



18.2168, 0.3068, 0.3275



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.



45.0676, 0.2971, 0.3249



79.6192, 0.2942, 0.3241



41.3609, 0.2970, 0.3121



9.9625, 0.2985, 0.3253



18.6122, 0.2107, 0.2787



0.7218, 0.2147, 0.2929

Inverse Universe

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



40.9617, 0.3165, 0.3080



71.0367, 0.3172, 0.3040



45.0501, 0.3288, 0.3454



9.1377, 0.3161, 0.3100



8.6612, 0.3647, 0.1783



0.3120, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 45.0657, 0.2971, 0.3249 looks on a white background.

Color Contrast Check

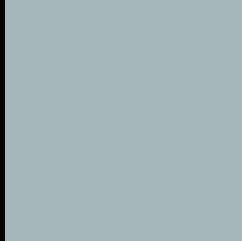
Large Text (above 18pt) WCAG AA × Fail

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 45.0657, 0.2971, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

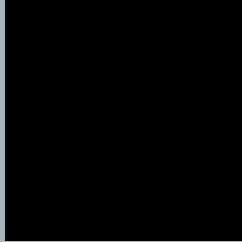
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

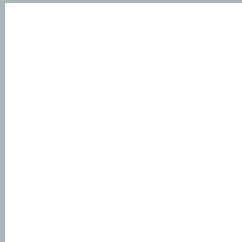
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0657, 0.2971, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 45.0657, 0.2971, 0.3249.



This preview shows how white text looks on a background with the Yxy color 45.0657, 0.2971, 0.3249.

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

45.0657, 0.2971, 0.3249

Protanopia

45.0834, 0.3113, 0.3225

Deuteranopia

44.6815, 0.3180, 0.3112



Tritanopia

44.9075, 0.2913, 0.3091

Trichromacy



Original Color

45.0657, 0.2971, 0.3249

Protanomaly

44.9310, 0.3062, 0.3224

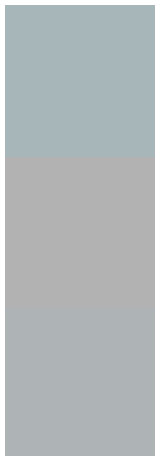
Deuteranomaly

44.6631, 0.3107, 0.3160

Tritanomaly

45.0248, 0.2934, 0.3156

Monochromacy



Original Color

45.0657, 0.2971, 0.3249

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5751, 0.3068, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0657, 0.2971, 0.3249 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(166, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(166, 182, 185)  
}
```

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(166, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 182, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.0657, 0.2971, 0.3249 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(166, 182, 185) }
```

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

```
.border{ border-color:rgb(166, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(166, 182,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0657, 0.2971, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 182, 185) }
```

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

```
.background{ background-color: rgb(166,  
182, 185) }
```

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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