

Converting Colors

$Yxy(45.5157, 0.3027, 0.3531)$

Have a look what the booklet for
Yxy(45.5157, 0.3027, 0.3531)
contains.

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Color

Yxy(45.6743, 0.3026, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	9EBBA9
RGB	158, 187, 169
RGB Percent	62%, 73%, 66%
CMY	0.3804, 0.2666, 0.3374
CMYK	0.16, 0.00, 0.10, 0.27
HSL	143°, 18%, 68%
HSV	143°, 16%, 73%
XYZ	39.0315, 45.6743, 44.2812
YIQ	176.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

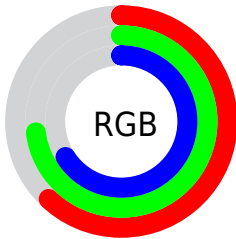
Format	Color
RYB	158, 179, 187
Decimal	10402729
CIELab	73.33, -13.41, 5.85
CIELCh	73, 14.632, 156.452
Yxy	45.6743, 0.3026, 0.3541
Android (android.graphics.Color)	4288592809 (0xFF9EBBA9)
YUV	176.2770, -3.5876, -16.0289
Hunter-Lab	67.5828, -15.1797, 8.4602

Details

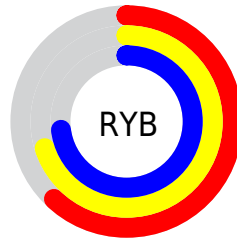
The Yxy color **45.6743, 0.3026, 0.3541** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1587, 0.3244, 0.3052**, and the grayscale version is **43.5925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6291, 0.3047, 0.3493**, and **21.3987, 0.2991, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **43.5043, 0.2963, 0.3727**, and if you desaturate by 10%, it is **48.1756, 0.3091, 0.3374**.

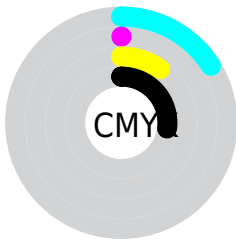
Distribution



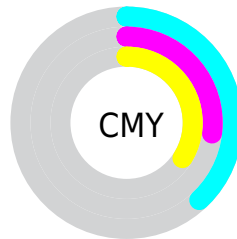
- Red (62%)
- Green (73%)
- Blue (66%)



- Red (62%)
- Yellow (70%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6743, 0.3026, 0.3541 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 45.6743, 0.3026, 0.3541 by changing the saturation by 10% instead.


 45.6743, 0.3026,
0.3541


 45.6743, 0.3026,
0.3541


369.4977, 0.3078,
0.3413

 31.9889, 0.3013,
0.3574


 83.7313, 0.3045,
0.3494

 21.3530, 0.2995,
0.3617

 108.8718, 0.3052,
0.3476

 13.3823, 0.2972,
0.3675


138.5993, 0.3058,
0.3461

 7.6923, 0.2938,
0.3758

173.2984, 0.3063,
0.3449

 3.8987, 0.2885,
0.3886

213.3533, 0.3068,
0.3438

 1.6171, 0.2791,
0.4112

259.1486, 0.3072,

 0.3691, 0.0595,

0.3429

0.9405

311.0686, 0.3075,
0.3420

0.0000, 0.0000,
0.0000

45.6743, 0.3026,
0.3541

45.6743, 0.3026,
0.3541

43.5043, 0.2963,
0.3727

48.1756, 0.3091,
0.3374

41.6458, 0.2905,
0.3932

51.0155, 0.3157,
0.3226

40.0856, 0.2855,
0.4154

54.2084, 0.3221,
0.3095

38.8075, 0.2815,
0.4388

57.7661, 0.3284,
0.2980

37.7935, 0.2790,
0.4628

61.6997, 0.3343,
0.2880

■ 37.0235, 0.2781,
0.4868

■ 63.0197, 0.3280,
0.2773

■ 36.4744, 0.2790,
0.5096

■ 63.7284, 0.3192,
0.2665

■ 36.1177, 0.2817,
0.5305

■ 64.0225, 0.3158,
0.2624

■ 35.9938, 0.2831,
0.5392

Harmonies

Analogous

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



45.6743, 0.3233, 0.3643



45.6743, 0.3026, 0.3541



45.6743, 0.2850, 0.3366

Triad

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



45.6743, 0.3026, 0.3541



45.6743, 0.2840, 0.2950



45.6743, 0.3521, 0.3384

Complementary

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



45.6743, 0.3026, 0.3541



38.1587, 0.3244, 0.3052

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.



45.6743, 0.3408, 0.3209



45.6743, 0.3026, 0.3541



45.6743, 0.3012, 0.2964

Square

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



45.6743, 0.3026, 0.3541



45.6743, 0.2746, 0.3024



45.6743, 0.3220, 0.3057



45.6743, 0.3523, 0.3543

Rectangle

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



45.6743, 0.3026, 0.3541



45.6743, 0.2773, 0.3237



45.6743, 0.3220, 0.3057



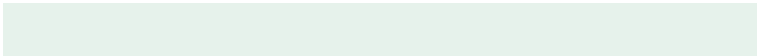
45.6743, 0.3494, 0.3325

Sweetspot

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



45.6762, 0.3026, 0.3541



86.4808, 0.3094, 0.3367



47.2852, 0.3264, 0.3680



18.9702, 0.3089, 0.3378



95.5105, 0.3127, 0.3290



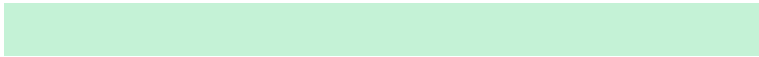
19.5994, 0.3127, 0.3290

Same Dimension

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



45.6762, 0.3026, 0.3541



80.2548, 0.3002, 0.3610



46.2373, 0.2923, 0.3342



10.7077, 0.3066, 0.3436



24.8118, 0.2825, 0.5369



0.9847, 0.2685, 0.4866

Inverse Universe

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



38.1587, 0.3244, 0.3052



63.9297, 0.3278, 0.2991



37.6267, 0.3377, 0.3239



9.6334, 0.3194, 0.3148



8.1671, 0.4433, 0.2216



0.3323, 0.4068, 0.2014

Previews

White Background



This preview shows how the Yxy color 45.6743, 0.3026, 0.3541 looks on a white background.

Color Contrast Check

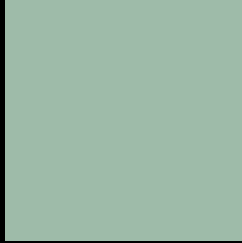
Large Text (above 18pt) WCAG AA × Fail

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 45.6743, 0.3026, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

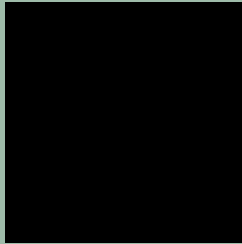
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6743, 0.3026, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 45.6743, 0.3026, 0.3541.



This preview shows how white text looks on a background with the Yxy color 45.6743, 0.3026, 0.3541.

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

45.6743, 0.3026, 0.3541

Protanopia

45.3959, 0.3304, 0.3475

Deuteranopia

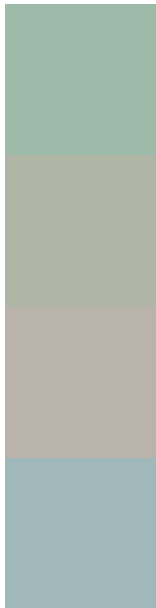
45.5300, 0.3379, 0.3316



Tritanopia

45.6847, 0.2861, 0.3103

Trichromacy



Original Color

45.6743, 0.3026, 0.3541

Protanomaly

45.4392, 0.3203, 0.3506

Deuteranomaly

45.4948, 0.3245, 0.3395

Tritanomaly

45.4459, 0.2917, 0.3249

Monochromacy



Original Color

45.6743, 0.3026, 0.3541

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0947, 0.3088, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6743, 0.3026, 0.3541 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(158, 187, 169)` looks like.

```
.text, #text, p{  
    color:rgb(158, 187, 169)  
}
```

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(158, 187, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 187, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.6743, 0.3026, 0.3541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

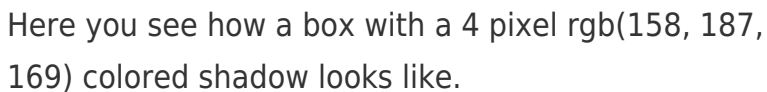
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 187, 169) }
```

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

```
.border{ border-color:rgb(158, 187, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 187, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 187, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 187, 169); box-shadow:4px 4px 4px 4px rgb(158, 187, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6743, 0.3026, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 187, 169) }
```

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

```
.background{ background-color: rgb(158,  
187, 169) }
```

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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