

Converting Colors

$Yxy(46.2109, 0.3160, 0.3510)$

Have a look what the booklet for
Yxy(46.2109, 0.3160, 0.3510)
contains.

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Color

Yxy(45.9924, 0.3159, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	ADB8A8
RGB	173, 184, 168
RGB Percent	68%, 72%, 66%
CMY	0.3216, 0.2784, 0.3411
CMYK	0.06, 0.00, 0.09, 0.28
HSL	101°, 10%, 69%
HSV	101°, 9%, 72%
XYZ	41.4404, 45.9924, 43.7492
YIQ	178.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

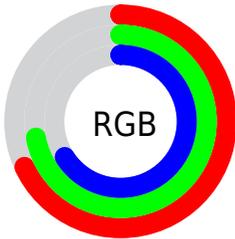
Format	Color
RYB	168, 184, 179
Decimal	11385000
CIELab	73.54, -6.81, 6.80
CIELCh	74, 9.624, 135.057
Yxy	45.9924, 0.3159, 0.3506
Android (android.graphics.Color)	4289575080 (0xFFADB8A8)
YUV	178.8870, -5.3673, -5.1629
Hunter-Lab	67.8177, -9.6075, 9.2244

Details

The Yxy color **45.9924, 0.3159, 0.3506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.0639, 0.3092, 0.3078**, and the grayscale version is **45.0459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1419, 0.3152, 0.3468**, and **21.5585, 0.3172, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **43.9776, 0.3194, 0.3779**, and if you desaturate by 10%, it is **48.2457, 0.3122, 0.3259**.

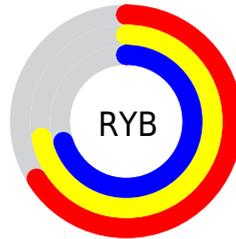
Distribution



Red (68%)

Green (72%)

Blue (66%)



Red (66%)

Yellow (72%)

Blue (70%)

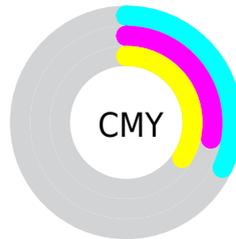


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9924, 0.3159, 0.3506 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 45.9924, 0.3159, 0.3506 by changing the saturation by 10% instead.

 45.9924, 0.3159,
0.3506

 45.9924, 0.3159,
0.3506

370.7781, 0.3144,
0.3396

 32.2398, 0.3163,
0.3534

 84.2076, 0.3154,
0.3466

 21.5447, 0.3167,
0.3570

 109.4391, 0.3152,
0.3451

 13.5228, 0.3173,
0.3619

139.2656, 0.3150,
0.3438

 7.7895, 0.3181,
0.3688

174.0716, 0.3148,
0.3427

 3.9606, 0.3191,
0.3794

214.2414, 0.3147,
0.3418

 1.6515, 0.3205,
0.3977

260.1595, 0.3146,

 0.3920, 0.3448,

0.3410

0.6552

312.2103, 0.3145,
0.3403

0.0000, 0.0000,
0.0000

45.9924, 0.3159,
0.3506

45.9924, 0.3159,
0.3506

43.9776, 0.3194,
0.3779

48.2457, 0.3122,
0.3259

42.1875, 0.3226,
0.4075

50.7389, 0.3086,
0.3038

40.6156, 0.3252,
0.4390

53.4813, 0.3050,
0.2843

39.2533, 0.3269,
0.4711

56.4796, 0.3015,
0.2670

38.0908, 0.3274,
0.5026

59.4125, 0.3018,
0.2564

■ 37.1180, 0.3266,
0.5315

■ 61.6681, 0.3115,
0.2585

■ 36.3235, 0.3242,
0.5559

■ 62.7642, 0.3160,
0.2595

■ 35.6943, 0.3203,
0.5744

■ 35.2119, 0.3156,
0.5866

Harmonies

Analogous

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



45.9924, 0.3287, 0.3526



45.9924, 0.3159, 0.3506



45.9924, 0.3025, 0.3424

Triad

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



45.9924, 0.3159, 0.3506



45.9924, 0.2886, 0.3096



45.9924, 0.3339, 0.3271

Complementary

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



45.9924, 0.3159, 0.3506



41.0639, 0.3092, 0.3078

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.



45.9924, 0.3227, 0.3162



45.9924, 0.3159, 0.3506



45.9924, 0.2967, 0.3061

Square

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



45.9924, 0.3159, 0.3506



45.9924, 0.2869, 0.3184



45.9924, 0.3091, 0.3086



45.9924, 0.3392, 0.3387

Rectangle

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



45.9924, 0.3159, 0.3506



45.9924, 0.2950, 0.3346



45.9924, 0.3091, 0.3086



45.9924, 0.3307, 0.3232

Sweetspot

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



45.9944, 0.3159, 0.3506



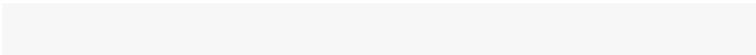
85.6168, 0.3138, 0.3364



45.2377, 0.3261, 0.3435



18.3863, 0.3141, 0.3383



93.3107, 0.3127, 0.3290



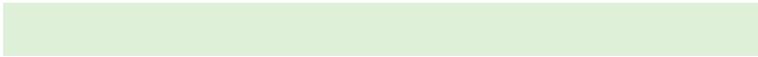
18.7317, 0.3127, 0.3290

Same Dimension

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



45.9944, 0.3159, 0.3506



82.8021, 0.3164, 0.3545



45.5500, 0.3094, 0.3468



10.1917, 0.3161, 0.3523



24.2610, 0.3158, 0.5874



0.8890, 0.3371, 0.5705

Inverse Universe

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



41.0639, 0.3092, 0.3078



72.4468, 0.3086, 0.3040



41.5441, 0.3162, 0.3118



9.0192, 0.3090, 0.3061



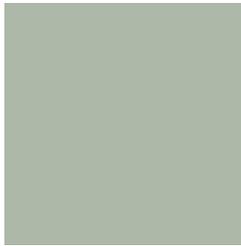
5.5287, 0.2448, 0.1122



0.2260, 0.2651, 0.1234

Previews

White Background



This preview shows how the Yxy color 45.9924, 0.3159, 0.3506 looks on a white background.

Color Contrast Check

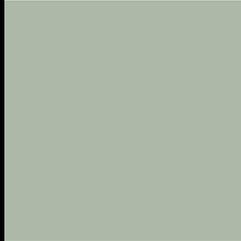
Large Text (above 18pt) WCAG AA × Fail

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 45.9924, 0.3159, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

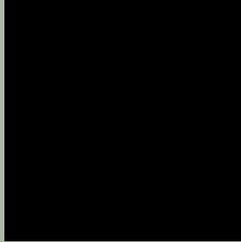
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

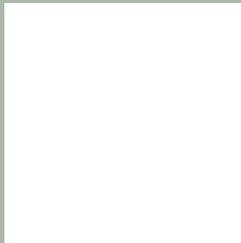
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9924, 0.3159, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 45.9924, 0.3159, 0.3506.



This preview shows how white text looks on a background with the Yxy color 45.9924, 0.3159, 0.3506.

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

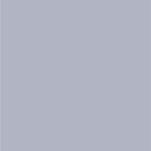
45.9924, 0.3159, 0.3506

Protanopia

45.9605, 0.3303, 0.3474

Deuteranopia

45.7309, 0.3415, 0.3341



Tritanopia

45.8847, 0.2993, 0.3108

Trichromacy



Original Color

45.9924, 0.3159, 0.3506

Protanomaly

45.7829, 0.3249, 0.3476

Deuteranomaly

45.7817, 0.3317, 0.3407

Tritanomaly

45.7806, 0.3054, 0.3237

Monochromacy



Original Color

45.9924, 0.3159, 0.3506

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.4900, 0.3141, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9924, 0.3159, 0.3506 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(173, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 168)  
}
```

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(173, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.9924, 0.3159, 0.3506 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(173, 184, 168) }
```

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

```
.border{ border-color:rgb(173, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
168) }
```

Background

The CSS property to change the background color of an element to Yxy 45.9924, 0.3159, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 168) }
```

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

```
.background{ background-color: rgb(173,  
184, 168) }
```

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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