

Converting Colors

$Yxy(48.5467, 0.3148, 0.3765)$

Have a look what the booklet for
Yxy(48.5467, 0.3148, 0.3765)
contains.

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Color

Yxy(48.5356, 0.3145, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	A4C19F
RGB	164, 193, 159
RGB Percent	64%, 76%, 62%
CMY	0.3571, 0.2431, 0.3765
CMYK	0.15, 0.00, 0.18, 0.24
HSL	111°, 22%, 69%
HSV	111°, 18%, 76%
XYZ	40.6293, 48.5356, 40.0222
YIQ	180.4530, -6.3700, -16.7220

Conversions

Conversions Part 2

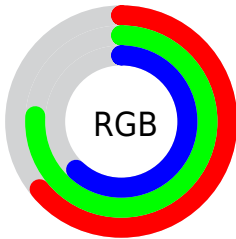
Format	Color
RYB	159, 193, 188
Decimal	10797471
CIELab	75.16, -16.29, 13.91
CIElCh	75, 21.419, 139.505
Yxy	48.5356, 0.3145, 0.3757
Android (android.graphics.Color)	4288987551 (0xFFA4C19F)
YUV	180.4530, -10.5763, -14.4293
Hunter-Lab	69.6675, -17.8188, 14.7067

Details

The Yxy color $48.5356, 0.3145, 0.3757$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $39.3419, 0.3102, 0.2853$, and the grayscale version is $45.9547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2863, 0.3141, 0.3671$, and $22.9927, 0.3142, 0.3880$ is the 20% darker color. If you saturate the color by 10%, you get $46.2778, 0.3152, 0.4063$, and if you desaturate by 10%, it is $51.1296, 0.3136, 0.3480$.

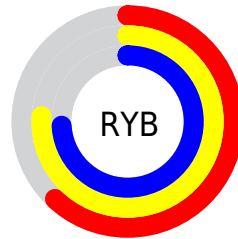
Distribution



Red (64%)

Green (76%)

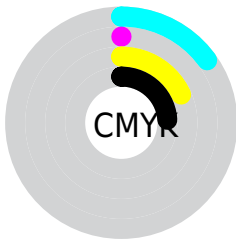
Blue (62%)



Red (62%)

Yellow (76%)

Blue (74%)

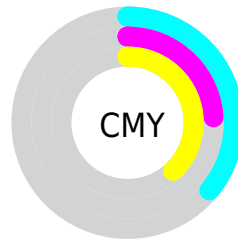


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (24%)



Cyan (36%)


Magenta (24%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5356, 0.3145, 0.3757 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 48.5356, 0.3145, 0.3757 by changing the saturation by 10% instead.


 48.5356, 0.3145,
0.3757


 48.5356, 0.3145,
0.3757


380.9112, 0.3139,
0.3519

 34.2512, 0.3145,
0.3818


 88.0013, 0.3144,
0.3669

 23.0867, 0.3145,
0.3897


 113.9515, 0.3143,
0.3637

 14.6575, 0.3143,
0.4004


144.5590, 0.3142,
0.3609

 8.5794, 0.3138,
0.4157


180.2083, 0.3142,
0.3586

 4.4679, 0.3126,
0.4390

221.2838, 0.3141,
0.3566

 1.9386, 0.3092,
0.4794

268.1698, 0.3141,


 0.5714, 0.2029,


0.3548

0.7971

321.2508, 0.3140,
0.3532


 0.0000, 0.0000,
0.0000

 48.5356, 0.3145,
0.3757


 48.5356, 0.3145,
0.3757


 46.2778, 0.3152,
0.4063


 51.1296, 0.3136,
0.3480


 44.3365, 0.3154,
0.4392

 54.0662, 0.3124,
0.3234


 42.6991, 0.3152,
0.4734

 57.3596, 0.3112,
0.3018

 41.3503, 0.3142,
0.5071

 61.0214, 0.3100,
0.2830

 40.2728, 0.3126,
0.5382

 65.0303, 0.3091,
0.2671

■ 39.4481, 0.3103,
0.5642

■ 66.6275, 0.3156,
0.2683

■ 38.8546, 0.3075,
0.5833

■ 38.4655, 0.3045,
0.5947

■ 38.3965, 0.3040,
0.5968

Harmonies

Analogous

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



48.5356, 0.3433, 0.3816



48.5356, 0.3145, 0.3757



48.5356, 0.2862, 0.3552

Triad

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



48.5356, 0.3145, 0.3757



48.5356, 0.2628, 0.2849



48.5356, 0.3620, 0.3277

Complementary

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



48.5356, 0.3145, 0.3757



39.3419, 0.3102, 0.2853

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.



48.5356, 0.3385, 0.3045



48.5356, 0.3145, 0.3757



48.5356, 0.2812, 0.2803

Square

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



48.5356, 0.3145, 0.3757



48.5356, 0.2572, 0.3015



48.5356, 0.3087, 0.2875



48.5356, 0.3716, 0.3522

Rectangle

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



48.5356, 0.3145, 0.3757



48.5356, 0.2712, 0.3368



48.5356, 0.3087, 0.2875



48.5356, 0.3554, 0.3196

Sweetspot

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



48.5377, 0.3145, 0.3757



92.8375, 0.3133, 0.3415



49.7718, 0.3399, 0.3661



19.8395, 0.3134, 0.3433



97.7402, 0.3127, 0.3290



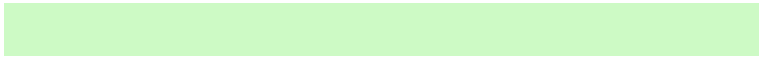
20.4902, 0.3127, 0.3290

Same Dimension

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



48.5377, 0.3145, 0.3757



85.3493, 0.3148, 0.3867



48.4537, 0.3019, 0.3593



11.3277, 0.3137, 0.3526



25.5548, 0.3045, 0.5964



1.1273, 0.3167, 0.5867

Inverse Universe

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



39.3419, 0.3102, 0.2853



65.9408, 0.3095, 0.2757



39.4729, 0.3254, 0.3005



10.1707, 0.3115, 0.3061



7.8981, 0.2847, 0.1342



0.3620, 0.2933, 0.1389

Previews

White Background



This preview shows how the Yxy color 48.5356, 0.3145, 0.3757 looks on a white background.

Color Contrast Check

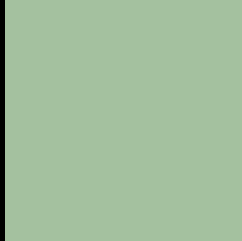
Large Text (above 18pt) WCAG AA × Fail

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 48.5356, 0.3145, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

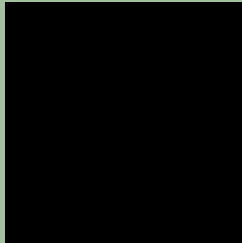
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

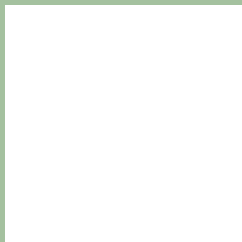
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5356, 0.3145, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 48.5356, 0.3145, 0.3757.



This preview shows how white text looks on a background with the Yxy color 48.5356, 0.3145, 0.3757.

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

48.5356, 0.3145, 0.3757

Protanopia

48.2496, 0.3459, 0.3663

Deuteranopia

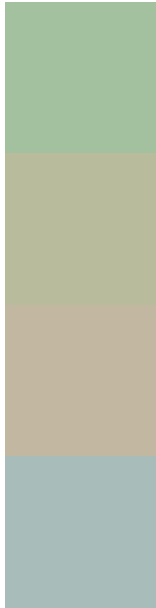
48.2983, 0.3560, 0.3487



Tritanopia

48.4628, 0.2889, 0.3096

Trichromacy



Original Color

48.5356, 0.3145, 0.3757

Protanomaly

48.1313, 0.3346, 0.3699

Deuteranomaly

47.9095, 0.3402, 0.3573

Tritanomaly

48.2652, 0.2981, 0.3329

Monochromacy



Original Color

48.5356, 0.3145, 0.3757

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.6752, 0.3136, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5356, 0.3145, 0.3757 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, 193, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 159)  
}
```

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, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.5356, 0.3145, 0.3757 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, 193, 159) }
```

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

```
.border{ border-color:rgb(164, 193, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5356, 0.3145, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 159) }
```

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

```
.background{ background-color: rgb(164,  
193, 159) }
```

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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