

Converting Colors

$Yxy(50.2716, 0.3190, 0.3949)$

Have a look what the booklet for
Yxy(50.2716, 0.3190, 0.3949)
contains.

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Color

Yxy(50.2716, 0.3190, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	A2C696
RGB	162, 198, 150
RGB Percent	64%, 78%, 59%
CMY	0.3645, 0.2236, 0.4117
CMYK	0.18, 0.00, 0.24, 0.22
HSL	105°, 30%, 68%
HSV	105°, 24%, 78%
XYZ	40.6094, 50.2716, 36.4211
YIQ	181.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

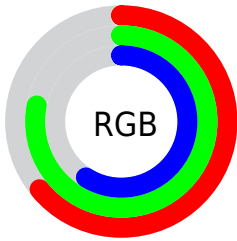
Format	Color
RYB	150, 198, 186
Decimal	10667670
CIELab	76.24, -20.98, 20.19
CIELCh	76, 29.119, 136.094
Yxy	50.2716, 0.3190, 0.3949
Android (android.graphics.Color)	4288857750 (0xFFA2C696)
YUV	181.7640, -15.6597, -17.3330
Hunter-Lab	70.9025, -21.8435, 19.1757

Details

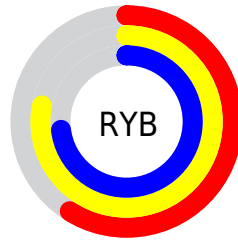
The Yxy color **50.2716, 0.3190, 0.3949** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.3243, 0.3041, 0.2673**, and the grayscale version is **46.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6313, 0.3182, 0.3831**, and **24.1624, 0.3200, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **48.2258, 0.3210, 0.4263**, and if you desaturate by 10%, it is **52.6125, 0.3166, 0.3658**.

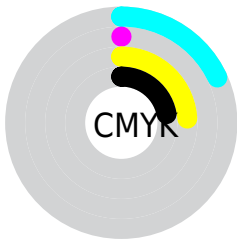
Distribution



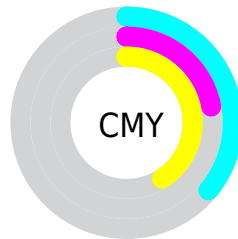
- Red (64%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2716, 0.3190, 0.3949 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 50.2716, 0.3190, 0.3949 by changing the saturation by 10% instead.


 50.2716, 0.3190,
0.3949

 50.2716, 0.3190,
0.3949


387.7271, 0.3165,
0.3612

 35.6293, 0.3194,
0.4035


 90.5772, 0.3183,
0.3825

 24.1480, 0.3197,
0.4147


 117.0092, 0.3180,
0.3779

 15.4434, 0.3199,
0.4297


148.1398, 0.3177,
0.3740

 9.1312, 0.3197,
0.4510

184.3536, 0.3174,
0.3707

 4.8269, 0.3181,
0.4833

226.0348, 0.3171,
0.3678

 2.1460, 0.3169,
0.5447

273.5678, 0.3169,

 0.6903, 0.1726,

0.3654

0.8274

327.3372, 0.3167,
0.3632

0.0000, 0.0000,
0.0000

50.2716, 0.3190,
0.3949

50.2716, 0.3190,
0.3949

48.2258, 0.3210,
0.4263

52.6125, 0.3166,
0.3658

46.4570, 0.3223,
0.4591

55.2532, 0.3139,
0.3393

44.9547, 0.3226,
0.4920

58.2063, 0.3111,
0.3157

43.7054, 0.3219,
0.5231

61.4817, 0.3083,
0.2948

42.6941, 0.3198,
0.5504

65.0889, 0.3056,
0.2765

■ 41.9042, 0.3166,
0.5718

■ 68.1158, 0.3124,
0.2727

■ 41.3166, 0.3124,
0.5862

■ 68.8634, 0.3153,
0.2732

■ 41.0548, 0.3100,
0.5921

Harmonies

Analogous

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



50.2716, 0.3571, 0.3995



50.2716, 0.3190, 0.3949



50.2716, 0.2808, 0.3686

Triad

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



50.2716, 0.3190, 0.3949



50.2716, 0.2449, 0.2717



50.2716, 0.3764, 0.3229

Complementary

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



50.2716, 0.3190, 0.3949



36.3243, 0.3041, 0.2673

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.



50.2716, 0.3428, 0.2935



50.2716, 0.3190, 0.3949



50.2716, 0.2671, 0.2645

Square

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



50.2716, 0.3190, 0.3949



50.2716, 0.2396, 0.2948



50.2716, 0.3024, 0.2727



50.2716, 0.3917, 0.3552

Rectangle

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



50.2716, 0.3190, 0.3949



50.2716, 0.2602, 0.3435



50.2716, 0.3024, 0.2727



50.2716, 0.3667, 0.3125

Sweetspot

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



50.2738, 0.3190, 0.3949



96.4557, 0.3147, 0.3466



48.9864, 0.3524, 0.3738



20.5829, 0.3148, 0.3482



0.0000, 0.0000, 0.0000



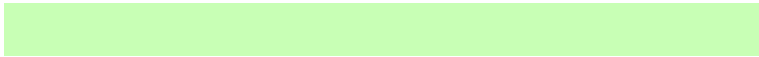
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2738, 0.3190, 0.3949



87.0861, 0.3201, 0.4110



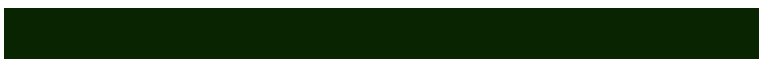
49.4490, 0.3018, 0.3805



12.0144, 0.3153, 0.3526



26.7368, 0.3107, 0.5915



1.3015, 0.3265, 0.5789

Inverse Universe

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



36.3243, 0.3041, 0.2673



58.1937, 0.3018, 0.2533



37.3996, 0.3259, 0.2825



10.6773, 0.3098, 0.3060



6.8041, 0.2586, 0.1199



0.3549, 0.2722, 0.1273

Previews

White Background



This preview shows how the Yxy color 50.2716, 0.3190, 0.3949 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 50.2716, 0.3190, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

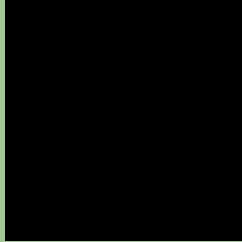
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2716, 0.3190, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 50.2716, 0.3190, 0.3949.



This preview shows how white text looks on a background with the Yxy color 50.2716, 0.3190, 0.3949.

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

50.2716, 0.3190, 0.3949

Protanopia

49.8643, 0.3578, 0.3821

Deuteranopia

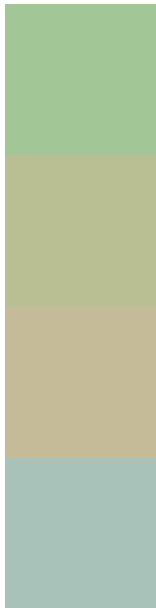
49.7273, 0.3679, 0.3604



Tritanopia

50.3758, 0.2864, 0.3098

Trichromacy



Original Color

50.2716, 0.3190, 0.3949

Protanomaly

49.8073, 0.3426, 0.3866

Deuteranomaly

49.7109, 0.3486, 0.3723

Tritanomaly

50.4536, 0.2981, 0.3395

Monochromacy



Original Color

50.2716, 0.3190, 0.3949

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.9827, 0.3157, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2716, 0.3190, 0.3949 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(162, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 150)  
}
```

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(162, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 150) }
```

Border

The CSS property to change the border of an element to Yxy 50.2716, 0.3190, 0.3949 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(162, 198, 150) }
```

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

```
.border{ border-color:rgb(162, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2716, 0.3190, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 150) }
```

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

```
.background{ background-color: rgb(162,  
198, 150) }
```

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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