

Converting Colors

XYZ(39.5970, 48.2409, 29.0542)

Have a look what the booklet for
XYZ(39.5970, 48.2409, 29.0542)
contains.

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Color

**XYZ(39.5970, 48.2409,
29.0542)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C184
RGB	169, 193, 132
RGB Percent	66%, 76%, 52%
CMY	0.3373, 0.2431, 0.4823
CMYK	0.12, 0.00, 0.32, 0.24
HSL	84°, 33%, 64%
HSV	84°, 32%, 76%
XYZ	39.5970, 48.2409, 29.0542
YIQ	178.8700, 5.2770, -24.0590

Conversions

Conversions Part 2

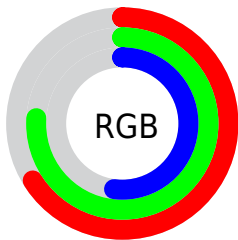
Format	Color
RYB	132, 193, 156
Decimal	11125124
CIELab	74.98, -18.71, 28.10
CIELCh	75, 33.756, 123.659
Yxy	48.2409, 0.3387, 0.4127
Android (android.graphics.Color)	4289315204 (0xFFA9C184)
YUV	178.8700, -23.1069, -8.6560
Hunter-Lab	69.4557, -19.7837, 23.8172

Details

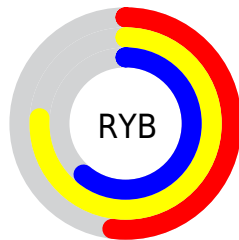
The XYZ color **39.5970, 48.2409, 29.0542** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.5891, 27.4220, 54.0828**, and the grayscale version is **42.8968, 45.1307, 49.1474**.

A 20% lighter version of the original color is **74.0999, 87.9239, 59.5199**, and **17.9581, 22.7874, 11.4346** is the 20% darker color. If you saturate the color by 10%, you get **36.8147, 46.9468, 22.6561**, and if you desaturate by 10%, it is **42.7208, 49.6858, 36.7457**.

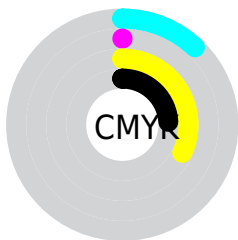
Distribution



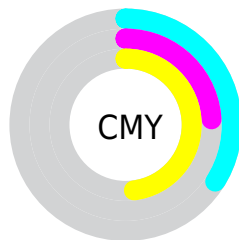
- Red (66%)
- Green (76%)
- Blue (52%)



- Red (52%)
- Yellow (76%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5970, 48.2409, 29.0542 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 XYZ color 39.5970, 48.2409, 29.0542 by changing the saturation by 10% instead.

■ 39.5970, 48.2409,
29.0542

■ 39.5970, 48.2409,
29.0542

335.5857,
379.7462, 311.5395

■ 27.4073, 34.0177,
18.8759

■ 73.8377, 87.5630,
59.2064

■ 18.0175, 22.9072,
11.4047

■ 96.6194, 113.4306,
80.0174

■ 11.0623, 14.5250,
6.2222

■ 123.6624,
143.9486, 105.2097

■ 6.1764, 8.4867,
2.9097

155.3322,
179.5012, 135.2018

■ 2.9943, 4.4079,
1.0487

191.9941,
220.4728, 170.4123

■ 1.1507, 1.9043,
0.0000

234.0134,

■ 0.0669, 0.5509,

267.2480, 211.2597

0.0000

281.7554,
320.2110, 258.1626

■ 0.0000, 0.0000,
0.0000

■ 39.5970, 48.2409,
29.0542

■ 39.5970, 48.2409,
29.0542

■ 36.8147, 46.9468,
22.6561

■ 42.7208, 49.6858,
36.7457

■ 34.3551, 45.7909,
17.4771

■ 46.1965, 51.2809,
45.7932

■ 32.2030, 44.7686,
13.4402


■ 50.0383, 53.0338,
56.2590


■ 30.3402, 43.8724,
10.4585


■ 54.2587, 54.9495,
68.2005


■ 28.7461, 43.0938,
8.4321


■ 58.8694, 57.0330,
81.6720


 27.3964, 42.4229,
7.2425

 63.8816, 59.2889,
96.7251

 26.4149, 41.9279,
6.7007

 67.2951, 60.9173,
102.8191

 69.6763, 62.1449,
102.9306

 72.1637, 63.4271,
103.0470

Harmonies

Analogous

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



45.1001, 48.2409, 25.4319



39.5970, 48.2409, 29.0542



36.0378, 48.2409, 38.8703

Triad

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



39.5970, 48.2409, 29.0542



40.7957, 48.2409, 89.1537



58.7123, 48.2409, 50.3918

Complementary

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



39.5970, 48.2409, 29.0542



31.5891, 27.4220, 54.0828

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.



57.3024, 48.2409, 69.0557



39.5970, 48.2409, 29.0542



46.6113, 48.2409, 94.1563

Square

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



39.5970, 48.2409, 29.0542



36.6851, 48.2409, 73.6519



52.7323, 48.2409, 86.1100



56.4303, 48.2409, 35.8838

Rectangle

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



39.5970, 48.2409, 29.0542



35.0613, 48.2409, 48.8689



52.7323, 48.2409, 86.1100



58.6554, 48.2409, 56.3614

Sweetspot

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



39.5982, 48.2430, 29.0552



84.3689, 92.5873, 86.3938



37.9442, 36.5755, 26.8904



17.8902, 19.7672, 17.9709



92.9021, 97.7402, 106.4391



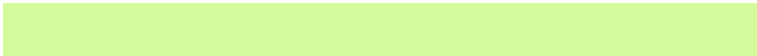
19.4759, 20.4902, 22.3138

Same Dimension

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



39.5982, 48.2430, 29.0552



67.3710, 84.7499, 43.7906



33.9033, 45.3072, 28.7887



10.5174, 11.5542, 10.7377



17.6600, 27.9329, 4.4608



0.8387, 1.2459, 0.1963

Inverse Universe

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



31.5891, 27.4220, 54.0828



50.7662, 41.5642, 95.7073



38.1001, 30.7785, 54.3875



9.8949, 9.9370, 12.6813



8.4658, 3.6247, 33.8101



0.4433, 0.1966, 1.4645

Previews

White Background



This preview shows how the XYZ color 39.5970, 48.2409, 29.0542 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 XYZ color 39.5970, 48.2409, 29.0542 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](#).

XYZ 39.5970, 48.2409, 29.0542

Background



This preview shows how black text looks on a background with the XYZ color 39.5970, 48.2409, 29.0542.



This preview shows how white text looks on a background with the XYZ color 39.5970, 48.2409,

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

39.5970, 48.2409, 29.0542

Protanopia

44.5900, 47.9816, 27.3333

Deuteranopia

49.0795, 48.1273, 29.9953



Tritanopia

46.0179, 48.2864, 60.9276

Trichromacy



Original Color

39.5970, 48.2409, 29.0542

Protanomaly

42.4718, 47.8170, 27.7600

Deuteranomaly

45.1261, 47.8956, 29.7880

Tritanomaly

43.4003, 48.1755, 47.5688

Monochromacy



Original Color

39.5970, 48.2409, 29.0542

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.3413, 46.0036, 40.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5970, 48.2409, 29.0542 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(169, 193, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 193, 132)  
}
```

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(169, 193, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 193, 132) }
```

Border

The CSS property to change the border of an element to XYZ 39.5970, 48.2409, 29.0542 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(169, 193, 132) }
```


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

```
.border{ border-color:rgb(169, 193, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 193, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 193, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 193, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 193,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5970, 48.2409, 29.0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 193, 132) }
```

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

```
.background{ background-color: rgb(169,  
193, 132) }
```

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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