

Converting Colors

XYZ(39.5561, 49.5378, 32.0362)

Have a look what the booklet for
XYZ(39.5561, 49.5378, 32.0362)
contains.

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Color

**XYZ(39.5267, 49.4780,
31.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C58B
RGB	162, 197, 139
RGB Percent	64%, 77%, 55%
CMY	0.3647, 0.2274, 0.4549
CMYK	0.18, 0.00, 0.29, 0.23
HSL	96°, 33%, 66%
HSV	96°, 29%, 77%
XYZ	39.5267, 49.4780, 31.8930
YIQ	179.9230, -2.2420, -25.4580

Conversions

Conversions Part 2

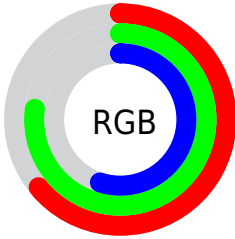
Format	Color
RYB	139, 197, 174
Decimal	10667403
CIELab	75.75, -22.25, 25.36
CIElCh	76, 33.741, 131.265
Yxy	49.4780, 0.3269, 0.4093
Android (android.graphics.Color)	4288857483 (0xFFA2C58B)
YUV	179.9230, -20.1750, -15.7185
Hunter-Lab	70.3406, -22.7910, 22.3559

Details

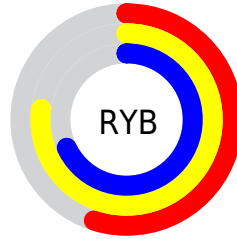
The XYZ color **39.5267, 49.4780, 31.8930** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7684, 31.4966, 56.9676**, and the grayscale version is **43.4479, 45.7106, 49.7788**.

A 20% lighter version of the original color is **73.6827, 89.4856, 63.8410**, and **17.8906, 23.6007, 12.8450** is the 20% darker color. If you saturate the color by 10%, you get **35.9133, 47.7683, 24.8752**, and if you desaturate by 10%, it is **43.6304, 51.4134, 40.2898**.

Distribution



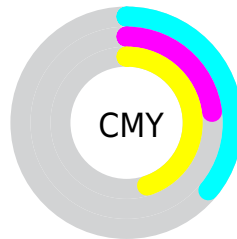
- Red (64%)
- Green (77%)
- Blue (55%)



- Red (55%)
- Yellow (77%)
- Blue (68%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (36%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5267, 49.4780, 31.8930 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 39.5267, 49.4780, 31.8930 by changing the saturation by 10% instead.

■ 39.5267, 49.4780,
31.8930

■ 39.5267, 49.4780,
31.8930

335.2934,
384.6211, 325.1092

■ 27.3523, 34.9988,
21.0156

■ 73.7312, 89.4010,
63.7393

■ 17.9759, 23.6620,
12.9441

■ 96.4920, 115.6136,
85.5453

■ 11.0323, 15.0831,
7.2598

■ 123.5122,
146.5060, 111.8312

■ 6.1560, 8.8777,
3.5442

155.1573,
182.4628, 143.0157

■ 2.9817, 4.6615,
1.3788

191.7926,
223.8684, 179.5171

■ 1.1441, 2.0500,
0.1251

233.7835,

■ 0.0615, 0.6363,

271.1070, 221.7542

0.0000

281.4953,
324.5631, 270.1454

■ 0.0000, 0.0000,
0.0000

■ 39.5267, 49.4780,
31.8930

■ 39.5267, 49.4780,
31.8930

■ 35.9133, 47.7683,
24.8752

■ 43.6304, 51.4134,
40.2898

■ 32.7663, 46.2692,
19.1595

■ 48.2396, 53.5765,
50.1306

■ 30.0649, 44.9733,
14.6663

■ 53.3734, 55.9772,
61.4801

■ 27.7855, 43.8702,
11.3061

■ 59.0488, 58.6229,
74.3982

■ 25.9014, 42.9485,
8.9771

■ 65.2819, 61.5208,
88.9415

■ 24.3823, 42.1952,
7.5591

■ 71.7311, 64.5347,
103.2835

■ 23.1792, 41.5897,
6.8375

■ 75.7517, 66.6074,
103.4717

■ 23.1185, 41.5591,
6.8032

■ 79.2573, 68.4146,
103.6358

Harmonies

Analogous

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



44.7149, 49.4780, 26.6432



39.5267, 49.4780, 31.8930



36.5242, 49.4780, 43.5417

Triad

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



39.5267, 49.4780, 31.8930



43.2661, 49.4780, 93.5588



59.8480, 49.4780, 47.4156

Complementary

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



39.5267, 49.4780, 31.8930



36.7684, 31.4966, 56.9676

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.



59.3726, 49.4780, 65.7217



39.5267, 49.4780, 31.8930



49.4182, 49.4780, 95.2484

Square

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



39.5267, 49.4780, 31.8930



38.5472, 49.4780, 79.9585



55.4215, 49.4780, 84.1625



56.6680, 49.4780, 34.1850

Rectangle

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



39.5267, 49.4780, 31.8930



35.9904, 49.4780, 54.6377



55.4215, 49.4780, 84.1625



60.1173, 49.4780, 53.1157

Sweetspot

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



39.5280, 49.4801, 31.8941



86.6594, 96.0762, 90.3583



42.7856, 43.9313, 30.6513



18.2743, 20.4357, 18.7447



0.0000, 0.0000, 0.0000



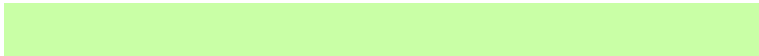
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5280, 49.4801, 31.8941



66.7446, 86.7007, 49.1734



35.7107, 47.4620, 33.9871



10.8888, 12.0896, 11.3224



15.2935, 27.3794, 4.4787



0.8054, 1.3383, 0.2159

Inverse Universe

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



36.7684, 31.4966, 56.9676



61.0387, 49.5568, 100.9561



41.6865, 34.1073, 53.7944



10.6604, 10.5987, 13.4014



11.7189, 5.2756, 35.1450



0.6348, 0.2910, 1.6679

Previews

White Background



This preview shows how the XYZ color 39.5267, 49.4780, 31.8930 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 39.5267, 49.4780, 31.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

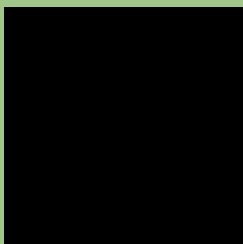
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

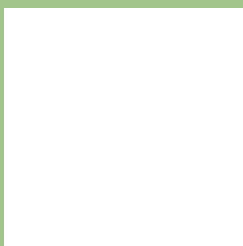
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5267, 49.4780, 31.8930

Background



This preview shows how black text looks on a background with the XYZ color 39.5267, 49.4780, 31.8930.



This preview shows how white text looks on a background with the XYZ color 39.5267, 49.4780,

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

39.5267, 49.4780, 31.8930

Protanopia

45.6814, 49.1184, 29.6274

Deuteranopia

50.2914, 49.2834, 32.8486



Tritanopia

46.1099, 49.5255, 64.2559

Trichromacy



Original Color

39.5267, 49.4780, 31.8930

Protanomaly

43.1071, 49.0436, 30.4869

Deuteranomaly

45.7301, 49.0766, 32.6537

Tritanomaly

43.2363, 49.3194, 50.4208

Monochromacy



Original Color

39.5267, 49.4780, 31.8930

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.5840, 46.7187, 42.4232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5267, 49.4780, 31.8930 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, 197, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 197, 139)  
}
```

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, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 197, 139) }
```

Border

The CSS property to change the border of an element to XYZ 39.5267, 49.4780, 31.8930 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, 197, 139) }
```


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

```
.border{ border-color:rgb(162, 197, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 197, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 197, 139); box-shadow:4px 4px 4px 4px rgb(162, 197, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5267, 49.4780, 31.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 197, 139) }
```

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

```
.background{ background-color: rgb(162,  
197, 139) }
```

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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