

Converting Colors

XYZ(39.3104, 49.6410, 24.9097)

Have a look what the booklet for
XYZ(39.3104, 49.6410, 24.9097)
contains.

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Color

**XYZ(39.2324, 49.4799,
24.9356)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C577
RGB	167, 197, 119
RGB Percent	65%, 77%, 47%
CMY	0.3451, 0.2274, 0.5333
CMYK	0.15, 0.00, 0.40, 0.23
HSL	83°, 40%, 62%
HSV	83°, 40%, 77%
XYZ	39.2324, 49.4799, 24.9356
YIQ	179.1380, 7.1580, -30.6180

Conversions

Conversions Part 2

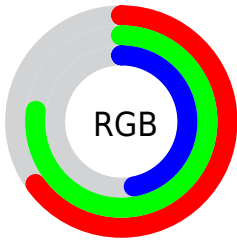
Format	Color
RYB	119, 197, 149
Decimal	10995063
CIELab	75.75, -23.19, 35.82
CIELCh	76, 42.674, 122.913
Yxy	49.4799, 0.3452, 0.4354
Android (android.graphics.Color)	4289185143 (0xFFA7C577)
YUV	179.1380, -29.6480, -10.6450
Hunter-Lab	70.3420, -23.5421, 28.2216

Details

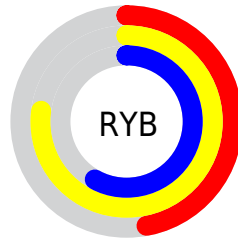
The XYZ color **39.2324, 49.4799, 24.9356** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.0713, 23.6158, 55.8522**, and the grayscale version is **43.0729, 45.3161, 49.3492**.

A 20% lighter version of the original color is **73.3196, 89.5502, 52.4503**, and **17.8361, 23.6520, 9.2555** is the 20% darker color. If you saturate the color by 10%, you get **36.6159, 48.2554, 19.2646**, and if you desaturate by 10%, it is **42.1905, 50.8552, 31.9048**.

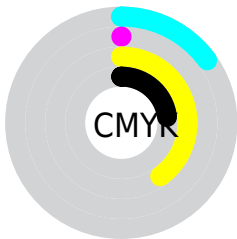
Distribution



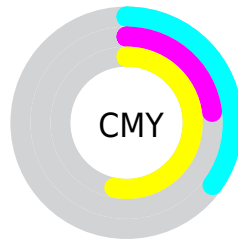
- Red (65%)
- Green (77%)
- Blue (47%)



- Red (47%)
- Yellow (77%)
- Blue (58%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)





- Cyan (35%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2324, 49.4799, 24.9356 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 39.2324, 49.4799, 24.9356 by changing the saturation by 10% instead.


 39.2324, 49.4799,
24.9356


 39.2324, 49.4799,
24.9356


334.0677,
384.6285, 290.9545


 27.1221, 35.0003,
15.8105


 73.2850, 89.4038,
52.5156

 17.8020, 23.6631,
9.2373


 95.9580, 115.6169,
71.8075

 10.9068, 15.0839,
4.7973


 122.8827,
146.5100, 95.3254

 6.0710, 8.8783,
2.0722

154.4243,
182.4674, 123.4880

 2.9294, 4.6619,
0.5991

190.9483,
223.8736, 156.7136

 1.1165, 2.0503,
0.0000

232.8199,

 0.0389, 0.6364,

271.1129, 195.4208

0.0000

280.4046,
324.5697, 240.0283

■ 0.0000, 0.0000,
0.0000

■ 39.2324, 49.4799,
24.9356

■ 39.2324, 49.4799,
24.9356

■ 36.6159, 48.2554,
19.2646

■ 42.1905, 50.8552,
31.9048

■ 34.3204, 47.1683,
14.8079

■ 45.5020, 52.3812,
40.2424

■ 32.3285, 46.2131,
11.4774


■ 49.1825, 54.0661,
50.0177


■ 30.6193, 45.3812,
9.1711


■ 53.2455, 55.9153,
61.2941

■ 29.1681, 44.6627,
7.7688


■ 57.7040, 57.9342,
74.1314

 27.9317, 44.0399,
7.0514

 62.5699, 60.1277,
88.5860

 27.8840, 44.0158,
7.0263

 67.5464, 62.3774,
103.0877

 69.8930, 63.5871,
103.1975

 72.3449, 64.8511,
103.3123

Harmonies

Analogous

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



46.2598, 49.4799, 21.0084



39.2324, 49.4799, 24.9356



34.7352, 49.4799, 36.3603

Triad

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



39.2324, 49.4799, 24.9356



40.4318, 49.4799, 102.7640



63.9313, 49.4799, 51.6899

Complementary

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



39.2324, 49.4799, 24.9356



29.0713, 23.6158, 55.8522

Split Complementary

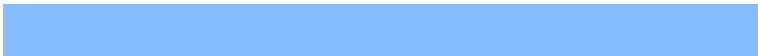
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.9275, 49.4799, 76.2677



39.2324, 49.4799, 24.9356



47.8070, 49.4799, 110.2058

Square

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



39.2324, 49.4799, 24.9356



35.3711, 49.4799, 81.2088



55.7960, 49.4799, 99.3940



61.0028, 49.4799, 33.4869

Rectangle

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



39.2324, 49.4799, 24.9356



33.4812, 49.4799, 48.6726



55.7960, 49.4799, 99.3940



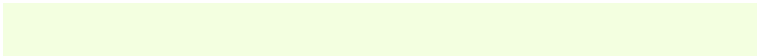
63.8128, 49.4799, 59.4359

Sweetspot

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



39.2336, 49.4821, 24.9367



86.3103, 96.0191, 84.7903



37.0892, 34.6672, 22.1901



18.2835, 20.4649, 17.6386



0.0000, 0.0000, 0.0000



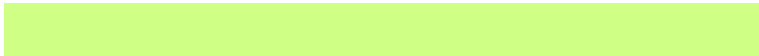
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2336, 49.4821, 24.9367



65.9554, 86.6004, 35.2850



32.2147, 45.8637, 24.6082



11.1135, 12.2055, 11.3329



18.4353, 28.9990, 4.6257



0.9520, 1.4139, 0.2227

Inverse Universe

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



29.0713, 23.6158, 55.8522



45.1314, 33.5509, 98.7050



37.3911, 27.9049, 56.2415



10.4360, 10.4830, 13.3909



8.6644, 3.7009, 35.0020



0.4909, 0.2168, 1.6611

Previews

White Background



This preview shows how the XYZ color 39.2324, 49.4799, 24.9356 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 39.2324, 49.4799, 24.9356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

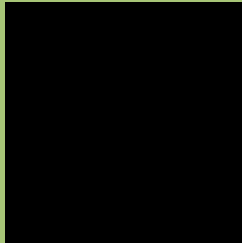
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2324, 49.4799, 24.9356

Background



This preview shows how black text looks on a background with the XYZ color 39.2324, 49.4799, 24.9356.



This preview shows how white text looks on a background with the XYZ color 39.2324, 49.4799,

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

39.2324, 49.4799, 24.9356

Protanopia

45.2820, 49.0521, 23.3010

Deuteranopia

50.2360, 49.1181, 25.5719



Tritanopia

46.7911, 49.2699, 62.9210

Trichromacy



Original Color

39.2324, 49.4799, 24.9356

Protanomaly

42.8010, 49.0350, 23.7318

Deuteranomaly

45.4904, 48.7996, 25.4340

Tritanomaly

43.5328, 49.2388, 46.2393

Monochromacy



Original Color

39.2324, 49.4799, 24.9356

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.3239, 46.6661, 38.7277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2324, 49.4799, 24.9356 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(167, 197, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 119)  
}
```

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(167, 197, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 119) }
```

Border

The CSS property to change the border of an element to XYZ 39.2324, 49.4799, 24.9356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

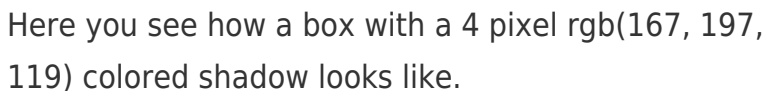
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 197, 119) }
```


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

```
.border{ border-color:rgb(167, 197, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 197, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 197, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 197, 119); box-shadow:4px 4px 4px 4px rgb(167, 197, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2324, 49.4799, 24.9356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 197, 119) }
```

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

```
.background{ background-color: rgb(167,  
197, 119) }
```

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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