

Converting Colors

XYZ(39.5332, 49.8924, 28.6657)

Have a look what the booklet for
XYZ(39.5332, 49.8924, 28.6657)
contains.

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Color

**XYZ(39.5332, 49.8924,
28.6657)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C682
RGB	164, 198, 130
RGB Percent	64%, 78%, 51%
CMY	0.3569, 0.2235, 0.4902
CMYK	0.17, 0.00, 0.34, 0.22
HSL	90°, 37%, 64%
HSV	90°, 34%, 78%
XYZ	39.5332, 49.8924, 28.6657
YIQ	180.0820, 1.5640, -28.3560

Conversions

Conversions Part 2

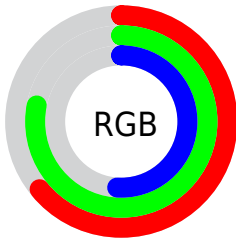
Format	Color
RYB	130, 198, 164
Decimal	10798722
CIELab	76.00, -23.33, 30.44
CIELCh	76, 38.357, 127.470
Yxy	49.8924, 0.3348, 0.4225
Android (android.graphics.Color)	4288988802 (0xFFA4C682)
YUV	180.0820, -24.6904, -14.1039
Hunter-Lab	70.6346, -23.7064, 25.3825

Details

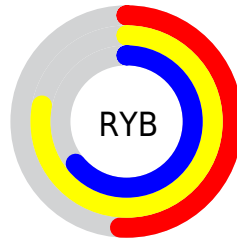
The XYZ color **39.5332, 49.8924, 28.6657** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4876, 27.9364, 57.0561**, and the grayscale version is **43.5554, 45.8237, 49.9020**.

A 20% lighter version of the original color is **73.9269, 90.1963, 58.8607**, and **17.9768, 23.9052, 11.2561** is the 20% darker color. If you saturate the color by 10%, you get **36.3659, 48.4002, 22.2350**, and if you desaturate by 10%, it is **43.1179, 51.5733, 36.4530**.

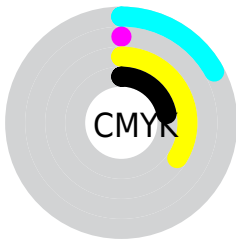
Distribution



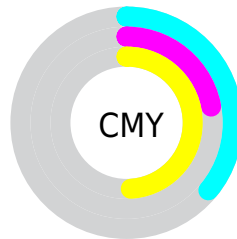
- Red (64%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5332, 49.8924, 28.6657 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 39.5332, 49.8924, 28.6657 by changing the saturation by 10% instead.


 39.5332, 49.8924,
28.6657


 39.5332, 49.8924,
28.6657


335.3204,
386.2450, 309.6458


 27.3574, 35.3279,
18.5847


 73.7410, 90.0154,
58.5814

 17.9798, 23.9156,
11.1968


 96.5037, 116.3428,
79.2531

 11.0351, 15.2710,
6.0835

 123.5261,
147.3598, 104.2921

 6.1579, 9.0098,
2.8263

155.1735,
183.4510, 134.1170

 2.9829, 4.7476,
1.0067

191.8113,
225.0007, 169.1462

 1.1447, 2.0999,
0.0000

233.8048,

 0.0620, 0.6646,

272.3934, 209.7984

0.0000

281.5194,
326.0133, 256.4921

■ 0.0000, 0.0000,
0.0000

■ 39.5332, 49.8924,
28.6657

■ 39.5332, 49.8924,
28.6657

■ 36.3659, 48.4002,
22.2350

■ 43.1179, 51.5733,
36.4530

■ 33.5940, 47.0825,
17.0799

■ 47.1332, 53.4435,
45.6651

■ 31.1986, 45.9329,
13.1159


■ 51.5965, 55.5121,
56.3696


■ 29.1578, 44.9422,
10.2469


■ 56.5227, 57.7854,
68.6287


■ 27.4464, 44.0999,
8.3619


■ 61.9261, 60.2695,
82.5013


 26.0348, 43.3936,
7.3263

 67.8206, 62.9703,
98.0430

 25.3400, 43.0426,
6.9725

 71.9501, 64.9858,
103.3591

 75.2795, 66.7022,
103.5149

 78.7933, 68.5136,
103.6793

Harmonies

Analogous

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



45.6548, 49.8924, 23.8701



39.5332, 49.8924, 28.6657



35.8129, 49.8924, 40.5801

Triad

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



39.5332, 49.8924, 28.6657



42.3417, 49.8924, 99.4602



62.4149, 49.8924, 49.3605

Complementary

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



39.5332, 49.8924, 28.6657



33.4876, 27.9364, 57.0561

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.



61.3006, 49.8924, 70.8667



39.5332, 49.8924, 28.6657



49.2327, 49.8924, 103.5150

Square

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



39.5332, 49.8924, 28.6657



37.3170, 49.8924, 81.9975



56.2944, 49.8924, 91.9883



59.2022, 49.8924, 33.7043

Rectangle

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



39.5332, 49.8924, 28.6657



34.9600, 49.8924, 52.6031



56.2944, 49.8924, 91.9883



62.5391, 49.8924, 56.0827

Sweetspot

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



39.5345, 49.8946, 28.6668



86.6762, 96.1264, 88.4812



40.5954, 40.1703, 26.7339



18.3147, 20.4648, 18.3725



0.0000, 0.0000, 0.0000



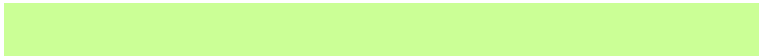
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5345, 49.8946, 28.6668



65.8539, 86.3938, 42.2493



33.4308, 46.7480, 28.3811



10.9942, 12.1440, 11.3273



16.5771, 28.0411, 4.5388



0.8685, 1.3708, 0.2188

Inverse Universe

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



33.4876, 27.9364, 57.0561



53.5833, 41.8352, 99.8586



41.4664, 32.0497, 57.4295



10.5535, 10.5436, 13.3964



10.0744, 4.4278, 35.0680



0.5606, 0.2527, 1.6644

Previews

White Background



This preview shows how the XYZ color 39.5332, 49.8924, 28.6657 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 39.5332, 49.8924, 28.6657 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 39.5332, 49.8924, 28.6657

Background



This preview shows how black text looks on a background with the XYZ color 39.5332, 49.8924, 28.6657.



This preview shows how white text looks on a background with the XYZ color 39.5332, 49.8924,

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

39.5332, 49.8924, 28.6657

Protanopia

46.1006, 49.7178, 26.5688

Deuteranopia

50.5474, 49.4910, 29.4428



Tritanopia

46.7759, 49.8688, 64.2870

Trichromacy



Original Color

39.5332, 49.8924, 28.6657

Protanomaly

43.4478, 49.6127, 27.3649

Deuteranomaly

45.8799, 49.2288, 29.2743

Tritanomaly

43.5800, 49.5315, 48.8586

Monochromacy



Original Color

39.5332, 49.8924, 28.6657

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.7475, 47.1480, 41.0826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5332, 49.8924, 28.6657 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, 198, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 130)  
}
```

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, 198, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 130) }
```

Border

The CSS property to change the border of an element to XYZ 39.5332, 49.8924, 28.6657 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, 198, 130) }
```


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

```
.border{ border-color:rgb(164, 198, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5332, 49.8924, 28.6657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 130) }
```

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

```
.background{ background-color: rgb(164,  
198, 130) }
```

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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