

Converting Colors

XYZ(39.5962, 49.4291, 29.1052)

Have a look what the booklet for
XYZ(39.5962, 49.4291, 29.1052)
contains.

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Color

**XYZ(39.6482, 49.5978,
29.3134)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C584
RGB	165, 197, 132
RGB Percent	65%, 77%, 52%
CMY	0.3529, 0.2274, 0.4823
CMYK	0.16, 0.00, 0.33, 0.23
HSL	90°, 36%, 65%
HSV	90°, 33%, 77%
XYZ	39.6482, 49.5978, 29.3134
YIQ	180.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

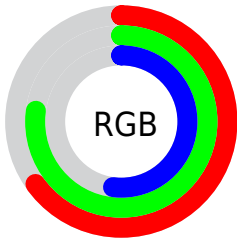
Format	Color
RYB	132, 197, 164
Decimal	10864004
CIELab	75.82, -22.19, 29.17
CIElCh	76, 36.653, 127.260
Yxy	49.5978, 0.3344, 0.4183
Android (android.graphics.Color)	4289054084 (0xFFA5C584)
YUV	180.0220, -23.6748, -13.1743
Hunter-Lab	70.4257, -22.7532, 24.6196

Details

The XYZ color **39.6482, 49.5978, 29.3134** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6411, 28.4276, 56.5400**, and the grayscale version is **43.5178, 45.7841, 49.8589**.

A 20% lighter version of the original color is **74.1235, 89.8009, 59.8810**, and **18.0275, 23.6989, 11.6068** is the 20% darker color. If you saturate the color by 10%, you get **36.4842, 48.1095, 22.7805**, and if you desaturate by 10%, it is **43.2224, 51.2711, 37.1964**.

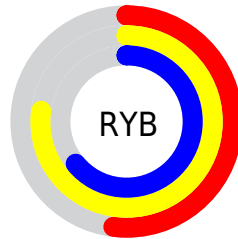
Distribution



Red (65%)

Green (77%)

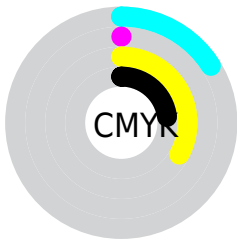
Blue (52%)



Red (52%)

Yellow (77%)

Blue (64%)

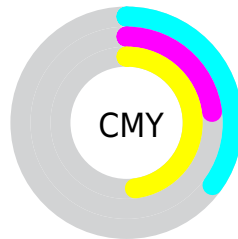


Cyan (16%)

Magenta (0%)

Yellow (33%)

Black (23%)



Cyan (35%)

Magenta (23%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6482, 49.5978, 29.3134 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 39.6482, 49.5978, 29.3134 by changing the saturation by 10% instead.

■ 39.6482, 49.5978,
29.3134

■ 39.6482, 49.5978,
29.3134

335.7985,
385.0910, 312.7979

■ 27.4473, 35.0939,
19.0704

■ 73.9153, 89.5787,
59.6228

■ 18.0478, 23.7352,
11.5438

■ 96.7122, 115.8245,
80.5262

■ 11.0842, 15.1373,
6.3151

■ 123.7718,
146.7530, 105.8202

■ 6.1912, 8.9158,
2.9658

155.4596,
182.7487, 135.9234

■ 3.0035, 4.6863,
1.0772

192.1407,
224.1960, 171.2542

■ 1.1556, 2.0644,
0.0000

234.1807,

■ 0.0709, 0.6445,

271.4792, 212.2312

0.0000

281.9448,
324.9827, 259.2729

■ 0.0000, 0.0000,
0.0000

■ 39.6482, 49.5978,
29.3134

■ 39.6482, 49.5978,
29.3134

■ 36.4842, 48.1095,
22.7805

■ 43.2224, 51.2711,
37.1964

■ 33.7088, 46.7924,
17.5187

■ 47.2195, 53.1300,
46.4961

■ 31.3041, 45.6403,
13.4456


■ 51.6562, 55.1831,
57.2786


■ 29.2486, 44.6445,
10.4680


■ 56.5472, 57.4368,
69.6051

■ 27.5184, 43.7948,
8.4787

■ 61.9064, 59.8968,
83.5331


 26.0850, 43.0794,
7.3487

 67.7470, 62.5689,
99.1171

 25.2239, 42.6445,
6.9018

 71.5879, 64.4608,
103.2768

 74.8403, 66.1375,
103.4290

 78.2694, 67.9053,
103.5895

Harmonies

Analogous

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



45.5055, 49.5978, 24.6866



39.6482, 49.5978, 29.3134



36.0646, 49.5978, 40.7632

Triad

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



39.6482, 49.5978, 29.3134



42.2576, 49.5978, 96.5089



61.3633, 49.5978, 49.4010

Complementary

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



39.6482, 49.5978, 29.3134



33.6411, 28.4276, 56.5400

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.



60.2812, 49.5978, 69.8391



39.6482, 49.5978, 29.3134



48.8157, 49.5978, 100.4113

Square

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



39.6482, 49.5978, 29.3134



37.4668, 49.5978, 80.0443



55.5234, 49.5978, 89.6957



58.3523, 49.5978, 34.3290

Rectangle

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



39.6482, 49.5978, 29.3134



35.2320, 49.5978, 52.2301



55.5234, 49.5978, 89.6957



61.4707, 49.5978, 55.8168

Sweetspot

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



39.6495, 49.6000, 29.3145



86.7437, 96.1612, 88.4844



40.3640, 39.8806, 27.4008



18.3311, 20.4733, 18.3733



0.0000, 0.0000, 0.0000



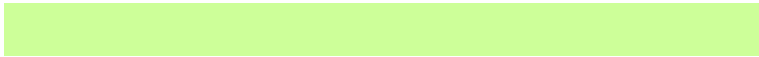
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6495, 49.6000, 29.3145



66.6261, 86.7679, 43.3733



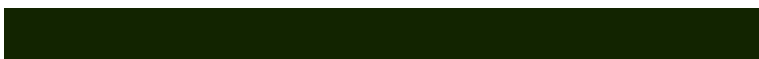
33.8186, 46.5940, 29.0416



11.0021, 12.1480, 11.3277



16.6867, 28.0976, 4.5439



0.8736, 1.3735, 0.2191

Inverse Universe

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



33.6411, 28.4276, 56.5400



54.1296, 42.7298, 100.0025



41.0745, 32.2597, 56.8879



10.5456, 10.5395, 13.3960



9.9668, 4.3723, 35.0630



0.5555, 0.2501, 1.6641

Previews

White Background



This preview shows how the XYZ color 39.6482, 49.5978, 29.3134 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 39.6482, 49.5978, 29.3134 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 39.6482, 49.5978, 29.3134

Background



This preview shows how black text looks on a background with the XYZ color 39.6482, 49.5978, 29.3134.



This preview shows how white text looks on a background with the XYZ color 39.6482, 49.5978,

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

39.6482, 49.5978, 29.3134

Protanopia

45.8123, 49.2329, 27.5104

Deuteranopia

50.3828, 49.3899, 30.1703



Tritanopia

46.4419, 49.3922, 63.5858

Trichromacy



Original Color

39.6482, 49.5978, 29.3134

Protanomaly

43.3622, 49.2307, 27.9859

Deuteranomaly

46.0195, 49.2846, 30.0091

Tritanomaly

43.3612, 49.0939, 48.7857

Monochromacy



Original Color

39.6482, 49.5978, 29.3134

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.8490, 46.8761, 41.4927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6482, 49.5978, 29.3134 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(165, 197, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 197, 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(165, 197, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 197, 132) }
```

Border

The CSS property to change the border of an element to XYZ 39.6482, 49.5978, 29.3134 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(165, 197, 132) }
```


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

```
.border{ border-color:rgb(165, 197, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 197, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 197, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 197, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 197,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6482, 49.5978, 29.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 197, 132) }
```

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

```
.background{ background-color: rgb(165,  
197, 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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