

Converting Colors

XYZ(35.0173, 39.2552, 25.5240)

Have a look what the booklet for
XYZ(35.0173, 39.2552, 25.5240)
contains.

XYZ(34.9064, 39.1782, 25.4611)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9064, 39.1782,
25.4611)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAB7E
RGB	170, 171, 126
RGB Percent	67%, 67%, 49%
CMY	0.3333, 0.3294, 0.5059
CMYK	0.01, 0.00, 0.26, 0.33
HSL	61°, 21%, 58%
HSV	61°, 26%, 67%
XYZ	34.9064, 39.1782, 25.4611
YIQ	165.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

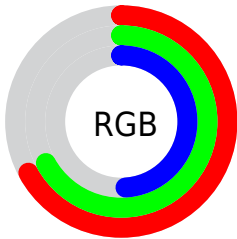
Format	Color
RYB	126, 171, 127
Decimal	11185022
CIELab	68.88, -7.80, 23.13
CIELCh	69, 24.408, 108.637
Yxy	39.1782, 0.3507, 0.3936
Android (android.graphics.Color)	4289375102 (0xFFAAAB7E)
YUV	165.5710, -19.5085, 3.8842
Hunter-Lab	62.5925, -9.9915, 19.6970

Details

The XYZ color **34.9064, 39.1782, 25.4611** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.5654, 22.3750, 41.6070**, and the grayscale version is **36.1257, 38.0071, 41.3897**.

A 20% lighter version of the original color is **66.6971, 73.8161, 53.3805**, and **15.2725, 17.5114, 9.5963** is the 20% darker color. If you saturate the color by 10%, you get **33.8141, 38.7331, 20.1342**, and if you desaturate by 10%, it is **36.1897, 39.7024, 31.7831**.

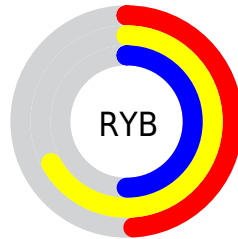
Distribution



Red (67%)

Green (67%)

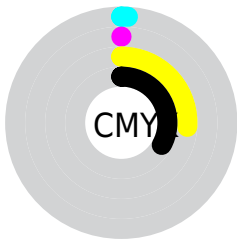
Blue (49%)



Red (49%)

Yellow (67%)

Blue (50%)

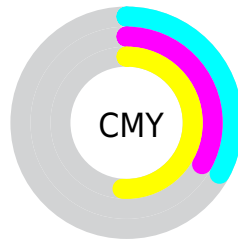


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9064, 39.1782, 25.4611 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 34.9064, 39.1782, 25.4611 by changing the saturation by 10% instead.

■ 34.9064, 39.1782,
25.4611

■ 34.9064, 39.1782,
25.4611

315.6703,
342.6475, 293.6474

■ 23.7570, 26.8984,
16.1988

■ 66.6757, 73.9105,
53.3776

■ 15.2772, 17.4969,
9.5090

■ 88.0263, 97.1317,
72.8690

■ 9.1017, 10.5894,
4.9734

■ 113.5080,
124.7689, 96.6070

■ 4.8652, 5.7915,
2.1732

143.4861,
157.2064, 125.0103

■ 2.2024, 2.7187,
0.6588

178.3261,
194.8286, 158.4975

■ 0.7440, 0.9867,
0.0000

218.3932,

■ 0.0000, 0.0000,

238.0199, 197.4870

0.0000

264.0528,
287.1648, 242.3975

■ 34.9064, 39.1782,
25.4611

■ 34.9064, 39.1782,
25.4611

■ 33.8141, 38.7331,
20.1342

■ 36.1897, 39.7024,
31.7831

■ 32.9000, 38.3580,
15.7495

■ 37.6697, 40.3040,
39.1448

■ 32.1548, 38.0505,
12.2527

■ 39.3559, 40.9881,
47.5907

■ 31.5670, 37.8059,
9.5834

■ 41.2562, 41.7578,
57.1625

■ 31.1236, 37.6192,
7.6732

■ 43.3779, 42.6161,
67.8992

■ 30.8096, 37.4842,
6.4431

■ 45.7282, 43.5659,
79.8384

■ 30.6045, 37.3928,
5.7854

■ 48.3138, 44.6099,
93.0155

■ 30.5403, 37.3636,
5.6023

■ 49.8588, 45.2376,
100.7116

■ 49.9433, 45.2812,
100.7156

Harmonies

Analogous

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



38.7255, 39.1782, 24.9675



34.9064, 39.1782, 25.4611



31.9194, 39.1782, 30.0508

Triad

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



34.9064, 39.1782, 25.4611



32.5265, 39.1782, 60.7673



45.0329, 39.1782, 47.0036

Complementary

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



34.9064, 39.1782, 25.4611



23.5654, 22.3750, 41.6070

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.



43.1161, 39.1782, 58.3753



34.9064, 39.1782, 25.4611



35.7885, 39.1782, 67.1929

Square

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



34.9064, 39.1782, 25.4611



30.6126, 39.1782, 49.8495



39.6706, 39.1782, 66.2486



44.7557, 39.1782, 36.1944

Rectangle

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



34.9064, 39.1782, 25.4611



30.7192, 39.1782, 35.3459



39.6706, 39.1782, 66.2486



44.6187, 39.1782, 50.9157

Sweetspot

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



34.9074, 39.1800, 25.4619



66.9500, 71.9710, 67.5540



28.1189, 25.2795, 23.1367



14.8399, 16.0132, 14.6155



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.9074, 39.1800, 25.4619



61.2518, 69.6499, 39.4332



30.4978, 36.9067, 25.2556



8.6447, 9.3210, 8.5569



23.0278, 28.1683, 4.2233



0.6460, 0.7864, 0.1177

Inverse Universe

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



23.5654, 22.3750, 41.6070



37.2402, 34.0715, 73.6156



27.2528, 24.2760, 41.7796



7.5948, 7.7654, 10.0513



5.5833, 2.2382, 29.1823



0.1606, 0.0650, 0.8121

Previews

White Background



This preview shows how the XYZ color 34.9064, 39.1782, 25.4611 looks on a white background.

Color Contrast Check

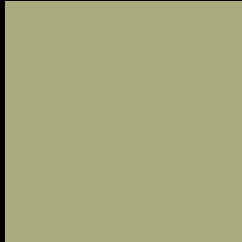
Large Text (above 18pt) WCAG AA × Fail

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 34.9064, 39.1782, 25.4611 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

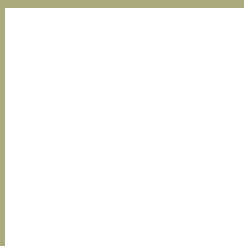
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9064, 39.1782, 25.4611

Background



This preview shows how black text looks on a background with the XYZ color 34.9064, 39.1782, 25.4611.



This preview shows how white text looks on a background with the XYZ color 34.9064, 39.1782,

25.4611.

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

34.9064, 39.1782, 25.4611

Protanopia

36.5267, 39.1892, 25.0412

Deuteranopia

39.6671, 38.9186, 25.8434



Tritanopia

39.3427, 39.0724, 47.0631

Trichromacy



Original Color

34.9064, 39.1782, 25.4611

Protanomaly

35.7941, 39.0867, 25.0600

Deuteranomaly

37.7794, 39.0074, 25.6167

Tritanomaly

37.4458, 39.1047, 37.9221

Monochromacy



Original Color

34.9064, 39.1782, 25.4611

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5249, 38.4551, 34.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9064, 39.1782, 25.4611 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(170, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 126)  
}
```

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(170, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.9064, 39.1782, 25.4611 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(170, 171, 126) }
```


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

```
.border{ border-color:rgb(170, 171, 126) }
```

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

Here you see how a box with a 4 pixel rgb(170, 171, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 126);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9064, 39.1782, 25.4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 126) }
```

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

```
.background{ background-color: rgb(170,  
171, 126) }
```

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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