

Converting Colors

XYZ(35.0810, 39.4107, 28.4094)

Have a look what the booklet for
XYZ(35.0810, 39.4107, 28.4094)
contains.

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Color

**XYZ(35.2040, 39.5511,
28.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AC86
RGB	168, 172, 134
RGB Percent	66%, 67%, 53%
CMY	0.3412, 0.3255, 0.4745
CMYK	0.02, 0.00, 0.22, 0.33
HSL	66°, 19%, 60%
HSV	66°, 22%, 67%
XYZ	35.2040, 39.5511, 28.3329
YIQ	166.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

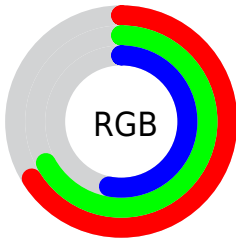
Format	Color
RYB	134, 172, 138
Decimal	11054214
CIELab	69.15, -7.94, 19.12
CIELCh	69, 20.707, 112.555
Yxy	39.5511, 0.3415, 0.3837
Android (android.graphics.Color)	4289244294 (0xFFA8AC86)
YUV	166.4720, -16.0087, 1.3401
Hunter-Lab	62.8897, -10.1373, 17.3116

Details

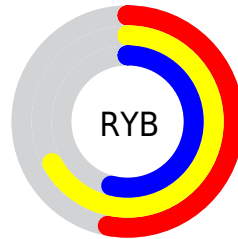
The XYZ color **35.2040, 39.5511, 28.3329** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4543, 25.4331, 42.5467**, and the grayscale version is **36.5467, 38.4500, 41.8720**.

A 20% lighter version of the original color is **66.8702, 74.2140, 57.8140**, and **15.5192, 17.7860, 11.0026** is the 20% darker color. If you saturate the color by 10%, you get **33.7179, 38.9137, 22.5023**, and if you desaturate by 10%, it is **36.8928, 40.2728, 35.1932**.

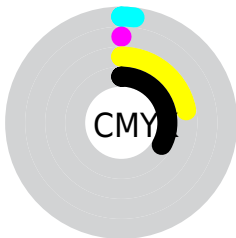
Distribution



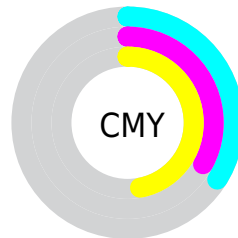
- Red (66%)
- Green (67%)
- Blue (53%)



- Red (53%)
- Yellow (67%)
- Blue (54%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (34%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2040, 39.5511, 28.3329 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 35.2040, 39.5511, 28.3329 by changing the saturation by 10% instead.

■ 35.2040, 39.5511,
28.3329

■ 35.2040, 39.5511,
28.3329

316.9601,
344.2279, 308.0161

■ 23.9873, 27.1887,
18.3355

■ 67.1336, 74.4795,
58.0450

■ 15.4489, 17.7150,
11.0192

■ 88.5773, 97.8142,
78.5968

■ 9.2234, 10.7456,
5.9654

■ 114.1606,
125.5752, 103.5038

■ 4.9455, 5.8960,
2.7556

144.2490,
158.1469, 133.1846

■ 2.2497, 2.7820,
0.9712

179.2078,
195.9136, 168.0576

■ 0.7687, 1.0190,
0.0000

219.4023,

■ 0.0000, 0.0000,

239.2597, 208.5415

0.0000

265.1980,
288.5697, 255.0548

■ 35.2040, 39.5511,
28.3329

■ 35.2040, 39.5511,
28.3329

■ 33.7179, 38.9137,
22.5023

■ 36.8928, 40.2728,
35.1932

■ 32.4218, 38.3516,
17.6493

■ 38.7898, 41.0772,
43.1269

■ 31.3066, 37.8625,
13.7209

■ 40.9045, 41.9692,
52.1782

■ 30.3611, 37.4419,
10.6582

■ 43.2447, 42.9520,
62.3884

■ 29.5727, 37.0848,
8.3956

■ 45.8177, 44.0286,
73.7962

■ 28.9273, 36.7854,
6.8581

■ 48.6306, 45.2018,
86.4389

■ 28.4078, 36.5370,
5.9564

■ 51.6903, 46.4743,
100.3520

■ 28.0571, 36.3651,
5.5404

■ 52.2128, 46.7327,
100.8761

■ 52.6452, 46.9556,
100.8964

Harmonies

Analogous

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



38.4226, 39.5511, 27.4050



35.2040, 39.5511, 28.3329



32.7634, 39.5511, 32.9084

Triad

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



35.2040, 39.5511, 28.3329



33.8548, 39.5511, 59.2123



44.2607, 39.5511, 45.4688

Complementary

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



35.2040, 39.5511, 28.3329



26.4543, 25.4331, 42.5467

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.



42.8734, 39.5511, 55.1207



35.2040, 39.5511, 28.3329



36.7738, 39.5511, 63.7778

Square

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



35.2040, 39.5511, 28.3329



32.0170, 39.5511, 50.4390



40.0859, 39.5511, 62.1800



43.7796, 39.5511, 36.4461

Rectangle

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



35.2040, 39.5511, 28.3329



31.8430, 39.5511, 37.8294



40.0859, 39.5511, 62.1800



43.9947, 39.5511, 48.7614

Sweetspot

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



35.2050, 39.5529, 28.3337



68.5867, 73.7623, 70.7445



30.3775, 28.6125, 26.4765



14.8633, 16.0123, 15.1983



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.



35.2050, 39.5529, 28.3337



62.3654, 71.1080, 45.4712



31.4880, 37.6366, 28.1598



8.5783, 9.2867, 8.5538



20.9054, 27.0742, 4.1240



0.6048, 0.7652, 0.1158

Inverse Universe

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



26.4543, 25.4331, 42.5467



43.3707, 40.4551, 76.3285



29.8384, 27.1776, 42.7051



7.6543, 7.7961, 10.0541



5.7525, 2.3254, 29.1902



0.1844, 0.0773, 0.8132

Previews

White Background



This preview shows how the XYZ color 35.2040, 39.5511, 28.3329 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 35.2040, 39.5511, 28.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

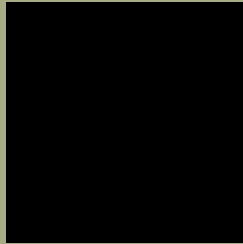
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

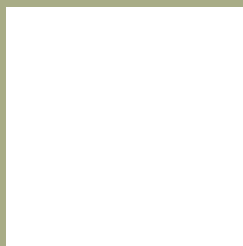
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2040, 39.5511, 28.3329

Background



This preview shows how black text looks on a background with the XYZ color 35.2040, 39.5511, 28.3329.



This preview shows how white text looks on a background with the XYZ color 35.2040, 39.5511,

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

35.2040, 39.5511, 28.3329

Protanopia

36.9899, 39.3745, 27.4803

Deuteranopia

40.1292, 39.3540, 28.7736



Tritanopia

39.2285, 39.5258, 48.2095

Trichromacy



Original Color

35.2040, 39.5511, 28.3329

Protanomaly

36.3261, 39.2995, 27.8613

Deuteranomaly

38.2591, 39.4608, 28.5219

Tritanomaly

37.6267, 39.4203, 40.2761

Monochromacy



Original Color

35.2040, 39.5511, 28.3329

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.7717, 38.5538, 36.1281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2040, 39.5511, 28.3329 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(168, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 172, 134)  
}
```

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(168, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 172, 134) }
```

Border

The CSS property to change the border of an element to XYZ 35.2040, 39.5511, 28.3329 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(168, 172, 134) }
```


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

```
.border{ border-color:rgb(168, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 172,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2040, 39.5511, 28.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 172, 134) }
```

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

```
.background{ background-color: rgb(168,  
172, 134) }
```

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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