

Converting Colors

XYZ(35.1516, 38.6329, 30.4324)

Have a look what the booklet for
XYZ(35.1516, 38.6329, 30.4324)
contains.

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Color

**XYZ(35.0700, 38.5942,
30.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A98C
RGB	168, 169, 140
RGB Percent	66%, 66%, 55%
CMY	0.3412, 0.3372, 0.4510
CMYK	0.01, 0.00, 0.17, 0.34
HSL	62°, 14%, 61%
HSV	62°, 17%, 66%
XYZ	35.0700, 38.5942, 30.4120
YIQ	165.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

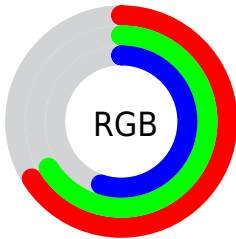
Format	Color
RYB	140, 169, 141
Decimal	11053452
CIELab	68.46, -5.41, 14.88
CIELCh	68, 15.834, 109.997
Yxy	38.5942, 0.3370, 0.3708
Android (android.graphics.Color)	4289243532 (0xFFA8A98C)
YUV	165.3950, -12.5197, 2.2846
Hunter-Lab	62.1242, -7.9516, 14.4624

Details

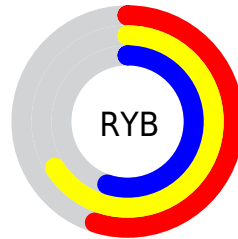
The XYZ color **35.0700, 38.5942, 30.4120** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.5256, 27.2845, 41.3539**, and the grayscale version is **36.0101, 37.8854, 41.2572**.

A 20% lighter version of the original color is **66.8247, 72.8943, 61.5869**, and **15.4092, 17.1738, 12.1756** is the 20% darker color. If you saturate the color by 10%, you get **33.7945, 38.0709, 24.3393**, and if you desaturate by 10%, it is **36.5396, 39.1977, 37.4945**.

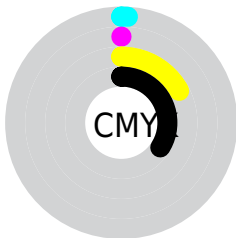
Distribution



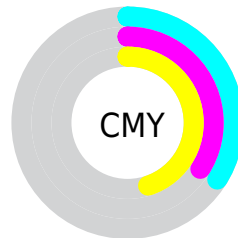
- Red (66%)
- Green (66%)
- Blue (55%)



- Red (55%)
- Yellow (66%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)



- Cyan (34%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0700, 38.5942, 30.4120 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 35.0700, 38.5942, 30.4120 by changing the saturation by 10% instead.

■ 35.0700, 38.5942,
30.4120

■ 35.0700, 38.5942,
30.4120

316.3798,
340.1621, 318.0871

■ 23.8836, 26.4442,
19.8968

■ 66.9275, 73.0180,
61.3818

■ 15.3715, 17.1562,
12.1367

■ 88.3293, 96.0605,
82.6735

■ 9.1686, 10.3459,
6.7132

■ 113.8669,
123.5027, 108.3945

■ 4.9093, 5.6289,
3.2077

143.9057,
155.7290, 138.9632

■ 2.2283, 2.6208,
1.2016

178.8110,
193.1236, 174.7983

■ 0.7576, 0.9371,
0.0000

218.9482,

■ 0.0000, 0.0000,

236.0711, 216.3183

0.0000

264.6827,
284.9558, 263.9417

■ 35.0700, 38.5942,
30.4120

■ 35.0700, 38.5942,
30.4120

■ 33.7945, 38.0709,
24.3393

■ 36.5396, 39.1977,
37.4945

■ 32.7012, 37.6193,
19.2281

■ 38.2083, 39.8797,
45.6272

■ 31.7819, 37.2374,
15.0299


■ 40.0848, 40.6449,
54.8514


■ 31.0263, 36.9210,
11.6907


■ 42.1764, 41.4962,
65.2055


■ 30.4231, 36.6656,
9.1512


■ 44.4901, 42.4363,
76.7258


 29.9595, 36.4661,
7.3444


 47.0324, 43.4680,
89.4472

 29.6209, 36.3167,
6.1925

 49.2730, 44.3790,
100.5768

 29.3849, 36.2084,
5.5780

 49.4018, 44.4454,
100.5828

 29.3245, 36.1803,
5.4379

 49.5312, 44.5121,
100.5889

Harmonies

Analogous

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



37.5204, 38.5942, 29.9165



35.0700, 38.5942, 30.4120



33.1369, 38.5942, 33.8119

Triad

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



35.0700, 38.5942, 30.4120



33.6909, 38.5942, 53.4223



41.6013, 38.5942, 44.4490

Complementary

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



35.0700, 38.5942, 30.4120



27.5256, 27.2845, 41.3539

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.



40.4727, 38.5942, 51.4651



35.0700, 38.5942, 30.4120



35.8574, 38.5942, 57.0199

Square

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



35.0700, 38.5942, 30.4120



32.3659, 38.5942, 46.8868



38.3440, 38.5942, 56.2657



41.3670, 38.5942, 37.5068

Rectangle

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



35.0700, 38.5942, 30.4120



32.3661, 38.5942, 37.5055



38.3440, 38.5942, 56.2657



41.3668, 38.5942, 46.8884

Sweetspot

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



35.0710, 38.5959, 30.4128



66.0258, 70.4380, 70.0068



30.6170, 29.3694, 28.8667



14.3487, 15.3352, 15.0544



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.0710, 38.5959, 30.4128



61.8021, 68.7065, 49.6650



32.1608, 37.0956, 30.2766



8.1208, 8.7604, 8.0522



21.8639, 26.9685, 4.0531



0.5396, 0.6601, 0.0990

Inverse Universe

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



27.5256, 27.2845, 41.3539



45.4603, 44.2078, 73.3620



30.1480, 28.6365, 41.4767



7.1549, 7.3125, 9.4527



5.4015, 2.1680, 28.1093



0.1387, 0.0565, 0.6842

Previews

White Background



This preview shows how the XYZ color 35.0700, 38.5942, 30.4120 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 35.0700, 38.5942, 30.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

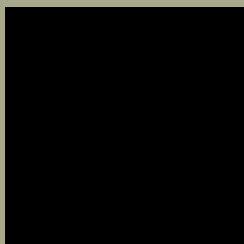
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

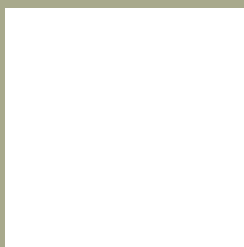
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0700, 38.5942, 30.4120

Background



This preview shows how black text looks on a background with the XYZ color 35.0700, 38.5942, 30.4120.



This preview shows how white text looks on a background with the XYZ color 35.0700, 38.5942,

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

35.0700, 38.5942, 30.4120

Protanopia

36.2009, 38.3666, 29.9236

Deuteranopia

39.3656, 38.6492, 30.9764



Tritanopia

38.4449, 38.6095, 47.0211

Trichromacy



Original Color

35.0700, 38.5942, 30.4120

Protanomaly

35.7125, 38.3857, 29.9530

Deuteranomaly

37.6116, 38.5413, 30.6562

Tritanomaly

37.1316, 38.6107, 40.6175

Monochromacy



Original Color

35.0700, 38.5942, 30.4120

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3629, 37.7797, 36.8809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0700, 38.5942, 30.4120 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, 169, 140)` looks like.

```
.text, #text, p{  
    color:rgb(168, 169, 140)  
}
```

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, 169, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 169, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.0700, 38.5942, 30.4120 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, 169, 140) }
```


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

```
.border{ border-color:rgb(168, 169, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 169, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 169, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 169, 140);  
box-shadow:4px 4px 4px 4px rgb(168, 169,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0700, 38.5942, 30.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 169, 140) }
```

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

```
.background{ background-color: rgb(168,  
169, 140) }
```

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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