

Converting Colors

XYZ(35.6371, 38.4546, 29.8340)

Have a look what the booklet for
XYZ(35.6371, 38.4546, 29.8340)
contains.

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Color

**XYZ(35.4922, 38.2722,
29.9427)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA78B
RGB	172, 167, 139
RGB Percent	67%, 65%, 55%
CMY	0.3255, 0.3451, 0.4549
CMYK	0.00, 0.03, 0.19, 0.33
HSL	51°, 17%, 61%
HSV	51°, 19%, 67%
XYZ	35.4922, 38.2722, 29.9427
YIQ	165.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

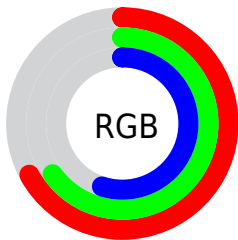
Format	Color
RYB	145, 172, 139
Decimal	11315083
CIELab	68.22, -2.97, 15.15
CIElCh	68, 15.437, 101.078
Yxy	38.2722, 0.3422, 0.3690
Android (android.graphics.Color)	4289505163 (0xFFACA78B)
YUV	165.3030, -12.9674, 5.8733
Hunter-Lab	61.8645, -5.8560, 14.6086

Details

The XYZ color **35.4922, 38.2722, 29.9427** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0670, 28.4134, 43.0351**, and the grayscale version is **35.9668, 37.8399, 41.2077**.

A 20% lighter version of the original color is **67.7418, 72.5868, 60.8924**, and **15.5417, 16.9047, 11.8950** is the 20% darker color. If you saturate the color by 10%, you get **33.8612, 36.8654, 23.6789**, and if you desaturate by 10%, it is **37.3327, 39.7808, 37.2528**.

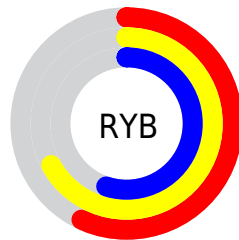
Distribution



Red (67%)

Green (65%)

Blue (55%)



Red (57%)

Yellow (67%)

Blue (55%)

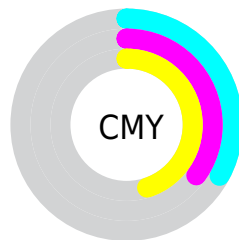


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4922, 38.2722, 29.9427 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 35.4922, 38.2722, 29.9427 by changing the saturation by 10% instead.

■ 35.4922, 38.2722,
29.9427

■ 35.4922, 38.2722,
29.9427

318.2057,
338.7862, 315.8363

■ 24.2106, 26.1940,
19.5434

■ 67.5766, 72.5252,
60.6315

■ 15.6155, 16.9688,
11.8828

■ 89.1100, 95.4687,
81.7581

■ 9.3416, 10.2123,
6.5424

■ 114.7914,
122.8029, 107.2975

■ 5.0235, 5.5399,
3.1035

144.9862,
154.9120, 137.6683

■ 2.2960, 2.5674,
1.1477

180.0596,
192.1805, 173.2891

■ 0.7926, 0.9103,
0.0000

220.3771,

■ 0.0000, 0.0000,

234.9928, 214.5783

0.0000

266.3040,
283.7332, 261.9545

■ 35.4922, 38.2722,
29.9427

■ 35.4922, 38.2722,
29.9427

■ 33.8612, 36.8654,
23.6789

■ 37.3327, 39.7808,
37.2528

■ 32.4272, 35.5514,
18.4104

■ 39.3882, 41.3895,
45.6521

■ 31.1813, 34.3278,
14.0855

■ 41.6679, 43.1035,
55.1843

■ 30.1126, 33.1902,
10.6469

■ 44.1795, 44.9258,
65.8896

■ 29.2090, 32.1337,
8.0312

■ 46.9305, 46.8597,
77.8066

■ 28.4566, 31.1525,
6.1664

■ 49.9278, 48.9078,
90.9720

■ 27.8395, 30.2404,
4.9681

■ 52.4612, 50.7863,
101.6455

■ 27.3264, 29.3845,
4.2717

■ 53.0119, 51.8877,
101.8290

■ 27.2860, 29.3160,
4.2204

■ 53.5726, 53.0092,
102.0160

Harmonies

Analogous

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



37.9023, 38.2722, 30.3218



35.4922, 38.2722, 29.9427



33.4117, 38.2722, 32.4349

Triad

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



35.4922, 38.2722, 29.9427



32.9894, 38.2722, 51.0289



40.9453, 38.2722, 46.1320

Complementary

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



35.4922, 38.2722, 29.9427



28.0670, 28.4134, 43.0351

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.



39.5118, 38.2722, 52.5146



35.4922, 38.2722, 29.9427



34.8924, 38.2722, 55.5506

Square

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



35.4922, 38.2722, 29.9427



32.0099, 38.2722, 44.2780



37.2755, 38.2722, 56.1225



41.1234, 38.2722, 39.1701

Rectangle

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



35.4922, 38.2722, 29.9427



32.4641, 38.2722, 35.5693



37.2755, 38.2722, 56.1225



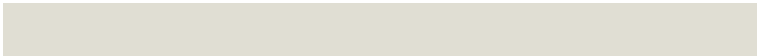
40.5914, 38.2722, 48.4355

Sweetspot

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



35.4932, 38.2739, 29.9435



68.8319, 73.0460, 72.0574



31.3186, 29.2653, 30.5849



14.9095, 15.8357, 15.4598



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.



35.4932, 38.2739, 29.9435



63.0932, 68.3327, 49.2919



34.1110, 38.9465, 30.1462



8.5578, 9.1205, 8.5227



20.3371, 21.8796, 3.1513



0.5932, 0.6636, 0.0968

Inverse Universe

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



28.0670, 28.4134, 43.0351



47.1387, 47.1498, 77.4221



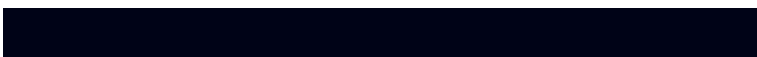
29.2571, 27.9283, 42.8787



7.6732, 7.9457, 10.0820



5.8433, 2.8206, 29.2810



0.1919, 0.1371, 0.8243

Previews

White Background



This preview shows how the XYZ color 35.4922, 38.2722, 29.9427 looks on a white background.

Color Contrast Check

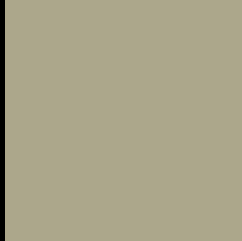
Large Text (above 18pt) WCAG AA × Fail

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 35.4922, 38.2722, 29.9427 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

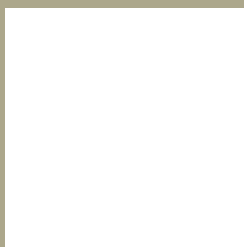
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4922, 38.2722, 29.9427

Background



This preview shows how black text looks on a background with the XYZ color 35.4922, 38.2722, 29.9427.



This preview shows how white text looks on a background with the XYZ color 35.4922, 38.2722,

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

35.4922, 38.2722, 29.9427

Protanopia

36.1282, 38.3375, 29.5405

Deuteranopia

38.7903, 38.1114, 30.1227



Tritanopia

38.7897, 38.2829, 45.9023

Trichromacy



Original Color

35.4922, 38.2722, 29.9427

Protanomaly

35.9029, 38.2214, 29.5299

Deuteranomaly

37.5980, 38.2782, 30.2177

Tritanomaly

37.4762, 38.2735, 39.5947

Monochromacy



Original Color

35.4922, 38.2722, 29.9427

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7854, 37.9976, 36.9007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4922, 38.2722, 29.9427 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(172, 167, 139)` looks like.

```
.text, #text, p{  
    color:rgb(172, 167, 139)  
}
```

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(172, 167, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 167, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.4922, 38.2722, 29.9427 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(172, 167, 139) }
```


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

```
.border{ border-color:rgb(172, 167, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 167, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 167, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 167, 139);  
box-shadow:4px 4px 4px 4px rgb(172, 167,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4922, 38.2722, 29.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 167, 139) }
```

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

```
.background{ background-color: rgb(172,  
167, 139) }
```

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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