

Converting Colors

XYZ(35.4589, 38.4036, 27.4746)

Have a look what the booklet for
XYZ(35.4589, 38.4036, 27.4746)
contains.

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Color

**XYZ(35.4391, 38.3020,
27.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA784
RGB	174, 167, 132
RGB Percent	68%, 65%, 52%
CMY	0.3176, 0.3451, 0.4823
CMYK	0.00, 0.04, 0.24, 0.32
HSL	50°, 21%, 60%
HSV	50°, 24%, 68%
XYZ	35.4391, 38.3020, 27.3550
YIQ	165.1030, 15.4070, -9.4010

Conversions

Conversions Part 2

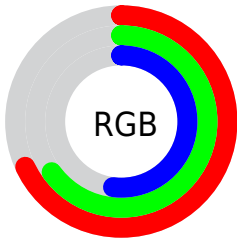
Format	Color
RYB	140, 174, 132
Decimal	11446148
CIELab	68.24, -3.24, 19.05
CIELCh	68, 19.321, 99.654
Yxy	38.3020, 0.3505, 0.3789
Android (android.graphics.Color)	4289636228 (0xFFAEA784)
YUV	165.1030, -16.3198, 7.8027
Hunter-Lab	61.8886, -6.0911, 17.1156

Details

The XYZ color **35.4391, 38.3020, 27.3550** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.3882, 26.4262, 43.7545**, and the grayscale version is **35.8850, 37.7539, 41.1140**.

A 20% lighter version of the original color is **67.5114, 72.5683, 56.3478**, and **15.5389, 16.9356, 10.4326** is the 20% darker color. If you saturate the color by 10%, you get **33.8217, 36.8162, 21.4233**, and if you desaturate by 10%, it is **37.2691, 39.8945, 34.3383**.

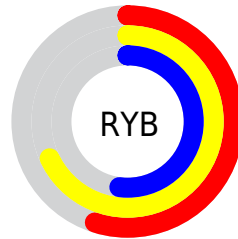
Distribution



Red (68%)

Green (65%)

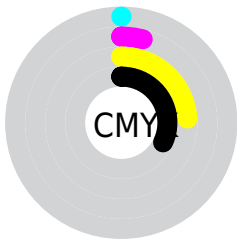
Blue (52%)



Red (55%)

Yellow (68%)

Blue (52%)

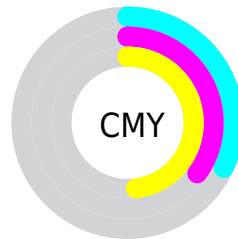


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4391, 38.3020, 27.3550 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 35.4391, 38.3020, 27.3550 by changing the saturation by 10% instead.

■ 35.4391, 38.3020,
27.3550

■ 35.4391, 38.3020,
27.3550

317.9764,
338.9137, 303.1863

■ 24.1694, 26.2172,
17.6052

■ 67.4950, 72.5708,
56.4636

■ 15.5848, 16.9862,
10.5004

■ 89.0119, 95.5235,
76.6596

■ 9.3198, 10.2246,
5.6221

■ 114.6753,
122.8677, 101.1747

■ 5.0091, 5.5482,
2.5516

144.8505,
154.9877, 130.4275

■ 2.2874, 2.5723,
0.8673

179.9028,
192.2679, 164.8365

■ 0.7882, 0.9128,
0.0000

220.1977,

■ 0.0000, 0.0000,

235.0927, 204.8203

0.0000

266.1005,
283.8465, 250.7973

■ 35.4391, 38.3020,
27.3550

■ 35.4391, 38.3020,
27.3550

■ 33.8217, 36.8162,
21.4233

■ 37.2691, 39.8945,
34.3383

■ 32.4039, 35.4279,
16.4890

■ 39.3178, 41.5923,
42.4190

■ 31.1759, 34.1343,
12.4964

■ 41.5950, 43.4008,
51.6432

■ 30.1260, 32.9306,
9.3838

■ 44.1088, 45.3234,
62.0536

■ 29.2409, 31.8113,
7.0818

■ 46.8670, 47.3632,
73.6908

■ 28.5053, 30.7703,
5.5106

■ 49.8770, 49.5234,
86.5934

■ 27.9011, 29.8002,
4.5744

■ 53.1458, 51.8069,
100.7982

■ 27.5835, 29.2545,
4.1929

■ 53.9606, 53.1286,
102.0186

■ 54.5955, 54.3984,
102.2302

Harmonies

Analogous

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



38.4630, 38.3020, 27.9655



35.4391, 38.3020, 27.3550



32.8211, 38.3020, 30.1585

Triad

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



35.4391, 38.3020, 27.3550



32.1116, 38.3020, 53.2517



42.1298, 38.3020, 47.7626

Complementary

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



35.4391, 38.3020, 27.3550



26.3882, 26.4262, 43.7545

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.



40.2406, 38.3020, 55.8748



35.4391, 38.3020, 27.3550



34.4216, 38.3020, 59.3356

Square

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



35.4391, 38.3020, 27.3550



30.9714, 38.3020, 44.5579



37.3881, 38.3020, 60.3568



42.4395, 38.3020, 38.9753

Rectangle

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



35.4391, 38.3020, 27.3550



31.6168, 38.3020, 33.8485



37.3881, 38.3020, 60.3568



41.6536, 38.3020, 50.6903

Sweetspot

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



35.4401, 38.3037, 27.3558



70.1660, 74.5038, 72.3523



30.3674, 27.3658, 28.1082



15.5464, 16.5192, 15.8879



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.4401, 38.3037, 27.3558



62.6602, 68.0057, 43.6043



33.7984, 39.4118, 27.6562



8.5474, 9.0997, 8.5193



20.0436, 21.2927, 3.0535



0.5872, 0.6516, 0.0948

Inverse Universe

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



26.3882, 26.4262, 43.7545



43.3544, 42.6766, 78.5892



27.7457, 25.6700, 43.5370



7.6827, 7.9648, 10.0851



5.8903, 2.9144, 29.2966



0.1956, 0.1446, 0.8256

Previews

White Background



This preview shows how the XYZ color 35.4391, 38.3020, 27.3550 looks on a white background.

Color Contrast Check

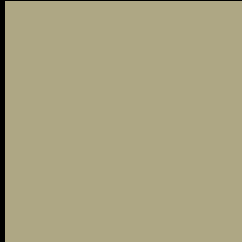
Large Text (above 18pt) WCAG AA × Fail

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 35.4391, 38.3020, 27.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

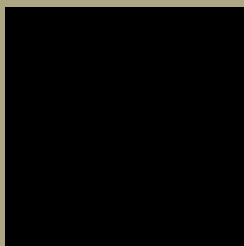
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

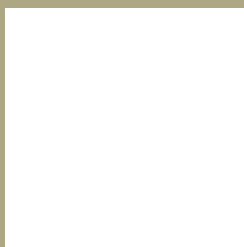
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4391, 38.3020, 27.3550

Background



This preview shows how black text looks on a background with the XYZ color 35.4391, 38.3020, 27.3550.



This preview shows how white text looks on a background with the XYZ color 35.4391, 38.3020,

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

35.4391, 38.3020, 27.3550

Protanopia

35.9325, 38.2855, 27.3258

Deuteranopia

39.0526, 38.3044, 27.5255



Tritanopia

38.9753, 38.1294, 45.3499

Trichromacy



Original Color

35.4391, 38.3020, 27.3550

Protanomaly

35.7056, 38.1685, 27.3152

Deuteranomaly

37.8243, 38.4526, 27.6188

Tritanomaly

37.4867, 38.0447, 38.1685

Monochromacy



Original Color

35.4391, 38.3020, 27.3550

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5344, 37.8972, 35.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4391, 38.3020, 27.3550 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(174, 167, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 167, 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(174, 167, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 167, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.4391, 38.3020, 27.3550 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(174, 167, 132) }
```


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

```
.border{ border-color:rgb(174, 167, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 167, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 167, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 167, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 167,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4391, 38.3020, 27.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 167, 132) }
```

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

```
.background{ background-color: rgb(174,  
167, 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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