

Converting Colors

XYZ(35.5039, 37.5282, 27.0233)

Have a look what the booklet for
XYZ(35.5039, 37.5282, 27.0233)
contains.

XYZ(35.5718, 37.5640, 27.2055)	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(35.5718, 37.5640,
27.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A484
RGB	177, 164, 132
RGB Percent	69%, 64%, 52%
CMY	0.3059, 0.3568, 0.4823
CMYK	0.00, 0.07, 0.25, 0.31
HSL	43°, 22%, 61%
HSV	43°, 25%, 69%
XYZ	35.5718, 37.5640, 27.2055
YIQ	164.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

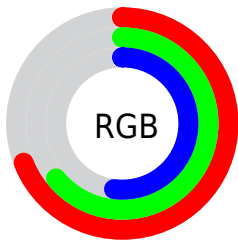
Format	Color
RYB	150, 177, 132
Decimal	11641988
CIELab	67.70, -0.44, 18.34
CIELCh	68, 18.344, 91.387
Yxy	37.5640, 0.3545, 0.3744
Android (android.graphics.Color)	4289832068 (0xFFB1A484)
YUV	164.2390, -15.8938, 11.1914
Hunter-Lab	61.2895, -3.6570, 16.5847

Details

The XYZ color **35.5718, 37.5640, 27.2055** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.5767, 28.3299, 45.6099**, and the grayscale version is **35.4686, 37.3157, 40.6368**.

A 20% lighter version of the original color is **67.6927, 71.4895, 56.1300**, and **15.6293, 16.4826, 10.3404** is the 20% darker color. If you saturate the color by 10%, you get **33.5657, 35.3283, 21.0596**, and if you desaturate by 10%, it is **37.8222, 39.9588, 34.4476**.

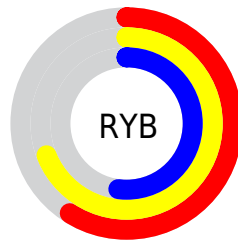
Distribution



Red (69%)

Green (64%)

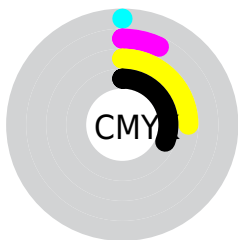
Blue (52%)



Red (59%)

Yellow (69%)

Blue (52%)

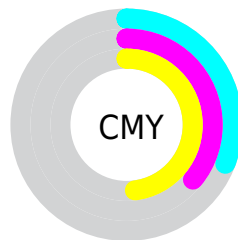


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5718, 37.5640, 27.2055 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 35.5718, 37.5640, 27.2055 by changing the saturation by 10% instead.

■ 35.5718, 37.5640,
27.2055

■ 35.5718, 37.5640,
27.2055

318.5491,
335.7459, 302.4423

■ 24.2722, 25.6445,
17.4938

■ 67.6988, 71.4394,
56.2212

■ 15.6615, 16.5579,
10.4215

■ 89.2570, 94.1640,
76.3623

■ 9.3743, 9.9198,
5.5701

■ 114.9655,
121.2591, 100.8169

■ 5.0452, 5.3458,
2.5210

145.1896,
153.1091, 130.0037

■ 2.3088, 2.4515,
0.8512

180.2946,
190.0984, 164.3410

■ 0.7992, 0.8522,
0.0000

220.6459,

■ 0.0000, 0.0000,

232.6114, 204.2476

0.0000

266.6090,
281.0324, 250.1418

■ 35.5718, 37.5640,
27.2055

■ 35.5718, 37.5640,
27.2055

■ 33.5657, 35.3283,
21.0596

■ 37.8222, 39.9588,
34.4476

■ 31.7902, 33.2418,
15.9528

■ 40.3240, 42.5124,
42.8345

■ 30.2344, 31.3006,
11.8264

■ 43.0875, 45.2309,
52.4146

■ 28.8856, 29.4989,
8.6148

■ 46.1219, 48.1185,
63.2329

■ 27.7294, 27.8304,
6.2443

■ 49.4354, 51.1792,
75.3320

■ 26.7491, 26.2875,
4.6298

■ 53.0363, 54.4170,
88.7525

■ 25.9241, 24.8612,
3.6650

■ 56.7866, 57.7772,
102.7669

■ 25.5774, 24.2388,
3.3305

■ 57.9887, 60.1815,
103.1676

■ 59.2308, 62.6657,
103.5816

Harmonies

Analogous

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



38.3756, 37.5640, 28.6794



35.5718, 37.5640, 27.2055



32.9415, 37.5640, 28.9783

Triad

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



35.5718, 37.5640, 27.2055



31.2531, 37.5640, 49.5739



40.7011, 37.5640, 48.8343

Complementary

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



35.5718, 37.5640, 27.2055



27.5767, 28.3299, 45.6099

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.



38.6157, 37.5640, 55.7131



35.5718, 37.5640, 27.2055



33.1583, 37.5640, 56.1782

Square

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



35.5718, 37.5640, 27.2055



30.5309, 37.5640, 41.2795



35.8354, 37.5640, 58.5592



41.4295, 37.5640, 40.5245

Rectangle

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



35.5718, 37.5640, 27.2055



31.6148, 37.5640, 31.9188



35.8354, 37.5640, 58.5592



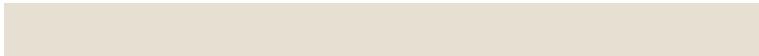
40.1303, 37.5640, 51.4271

Sweetspot

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



35.5728, 37.5657, 27.2063



70.9571, 74.8681, 72.4312



31.5326, 27.9099, 30.7163



15.2315, 16.0770, 15.2048



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.



35.5728, 37.5657, 27.2063



61.4640, 64.7992, 41.7762



36.0357, 41.4353, 27.9288



8.9856, 9.4837, 9.0095



18.5856, 17.6698, 2.4310



0.6319, 0.6501, 0.0922

Inverse Universe

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



27.5767, 28.3299, 45.6099



44.4837, 45.1911, 80.8735



27.1720, 25.3400, 45.0542



8.2353, 8.6167, 10.7355



6.6574, 4.1152, 30.5804



0.2608, 0.2322, 0.9793

Previews

White Background



This preview shows how the XYZ color 35.5718, 37.5640, 27.2055 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 35.5718, 37.5640, 27.2055 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

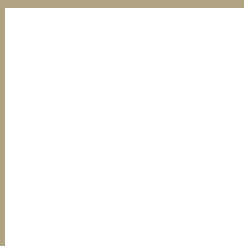
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5718, 37.5640, 27.2055

Background



This preview shows how black text looks on a background with the XYZ color 35.5718, 37.5640, 27.2055.



This preview shows how white text looks on a background with the XYZ color 35.5718, 37.5640,

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

35.5718, 37.5640, 27.2055

Protanopia

35.2992, 37.6902, 27.2443

Deuteranopia

38.1987, 37.3536, 27.3870



Tritanopia

39.0402, 37.6816, 43.7437

Trichromacy



Original Color

35.5718, 37.5640, 27.2055

Protanomaly

35.5245, 37.8063, 27.2548

Deuteranomaly

37.2980, 37.3999, 27.4434

Tritanomaly

37.6531, 37.6274, 37.1766

Monochromacy



Original Color

35.5718, 37.5640, 27.2055

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3051, 37.2529, 35.0355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5718, 37.5640, 27.2055 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(177, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 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(177, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.5718, 37.5640, 27.2055 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(177, 164, 132) }
```


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

```
.border{ border-color:rgb(177, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5718, 37.5640, 27.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 132) }
```

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

```
.background{ background-color: rgb(177,  
164, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor