

Converting Colors

XYZ(35.0368, 37.1646, 27.1582)

Have a look what the booklet for
XYZ(35.0368, 37.1646, 27.1582)
contains.

XYZ(35.1195, 37.3308, 27.1844)	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(35.1195, 37.3308,
27.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA484
RGB	175, 164, 132
RGB Percent	69%, 64%, 52%
CMY	0.3137, 0.3568, 0.4823
CMYK	0.00, 0.06, 0.25, 0.31
HSL	45°, 21%, 60%
HSV	45°, 25%, 69%
XYZ	35.1195, 37.3308, 27.1844
YIQ	163.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

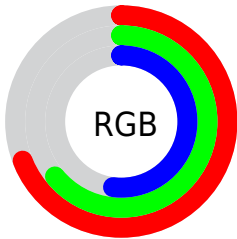
Format	Color
RYB	147, 175, 132
Decimal	11510916
CIELab	67.52, -1.23, 18.07
CIElCh	68, 18.113, 93.892
Yxy	37.3308, 0.3525, 0.3747
Android (android.graphics.Color)	4289700996 (0xFFAFA484)
YUV	163.6410, -15.5990, 9.9618
Hunter-Lab	61.0989, -4.3218, 16.3897

Details

The XYZ color **35.1195, 37.3308, 27.1844** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0759, 27.6449, 44.4665**, and the grayscale version is **35.1829, 37.0152, 40.3095**.

A 20% lighter version of the original color is **67.0435, 71.1547, 56.0996**, and **15.3432, 16.3351, 10.3270** is the 20% darker color. If you saturate the color by 10%, you get **33.2345, 35.3190, 21.1353**, and if you desaturate by 10%, it is **37.2356, 39.4827, 34.3026**.

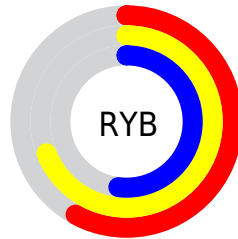
Distribution



Red (69%)

Green (64%)

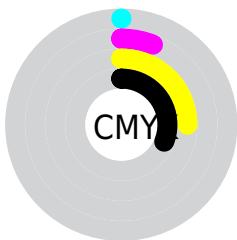
Blue (52%)



Red (58%)

Yellow (69%)

Blue (52%)

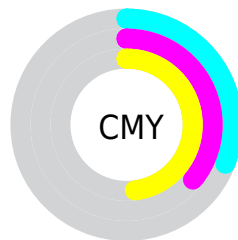


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1195, 37.3308, 27.1844 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 35.1195, 37.3308, 27.1844 by changing the saturation by 10% instead.

■ 35.1195, 37.3308,
27.1844

■ 35.1195, 37.3308,
27.1844

316.5943,
334.7405, 302.3372

■ 23.9219, 25.4637,
17.4781

■ 67.0037, 71.0813,
56.1870

■ 15.4001, 16.4229,
10.4104

■ 88.4209, 93.7334,
76.3203

■ 9.1888, 9.8239,
5.5628

■ 113.9754,
120.7494, 100.7664

■ 4.9226, 5.2823,
2.5166

144.0325,
152.5136, 129.9438

■ 2.2362, 2.4139,
0.8490

178.9576,
189.4104, 164.2710

■ 0.7617, 0.8330,
0.0000

219.1160,

■ 0.0000, 0.0000,

231.8243, 204.1667

0.0000

264.8731,
280.1395, 250.0492

■ 35.1195, 37.3308,
27.1844

■ 35.1195, 37.3308,
27.1844

■ 33.2345, 35.3190,
21.1353

■ 37.2356, 39.4827,
34.3026

■ 31.5673, 33.4378,
16.1000

■ 39.5894, 41.7739,
42.5366

■ 30.1078, 31.6837,
12.0219

■ 42.1909, 44.2102,
51.9333

■ 28.8437, 30.0515,
8.8379

■ 45.0487, 46.7954,
62.5362

■ 27.7612, 28.5353,
6.4773

■ 48.1708, 49.5332,
74.3866

■ 26.8446, 27.1281,
4.8584

■ 51.5649, 52.4272,
87.5238

■ 26.0748, 25.8219,
3.8827

■ 55.2384, 55.4806,
101.9852

■ 25.6950, 25.1454,
3.4993

■ 56.3386, 57.5527,
102.7472

■ 57.3890, 59.6535,
103.0973

Harmonies

Analogous

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



37.8911, 37.3308, 28.3710



35.1195, 37.3308, 27.1844



32.5784, 37.3308, 29.1982

Triad

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



35.1195, 37.3308, 27.1844



31.2193, 37.3308, 49.8137



40.5115, 37.3308, 47.7770

Complementary

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



35.1195, 37.3308, 27.1844



27.0759, 27.6449, 44.4665

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.



38.5528, 37.3308, 54.7542



35.1195, 37.3308, 27.1844



33.1768, 37.3308, 56.0340

Square

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



35.1195, 37.3308, 27.1844



30.4023, 37.3308, 41.6970



35.8466, 37.3308, 57.9501



41.0977, 37.3308, 39.6146

Rectangle

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



35.1195, 37.3308, 27.1844



31.3285, 37.3308, 32.2616



35.8466, 37.3308, 57.9501



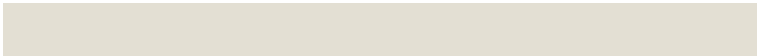
39.9869, 37.3308, 50.3721

Sweetspot

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



35.1205, 37.3325, 27.1852



69.7862, 73.7443, 72.2257



30.9242, 27.6143, 29.8730



15.4553, 16.3369, 15.8575



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.



35.1205, 37.3325, 27.1852



61.1837, 65.0529, 43.1122



35.0052, 40.3219, 27.7683



8.4867, 8.9782, 8.4990



18.4522, 18.1099, 2.5230



0.5539, 0.5850, 0.0837

Inverse Universe

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



27.0759, 27.6449, 44.4665



44.4968, 44.9613, 78.9700



27.1506, 25.3519, 44.0200



7.7392, 8.0778, 10.1040



6.2497, 3.6333, 29.4164



0.2179, 0.1891, 0.8330

Previews

White Background



This preview shows how the XYZ color 35.1195, 37.3308, 27.1844 looks on a white background.

Color Contrast Check

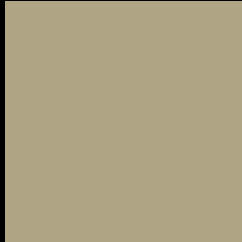
Large Text (above 18pt) WCAG AA × Fail

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 35.1195, 37.3308, 27.1844 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

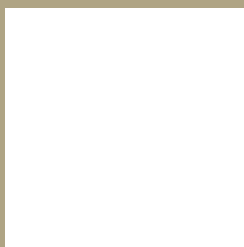
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1195, 37.3308, 27.1844

Background



This preview shows how black text looks on a background with the XYZ color 35.1195, 37.3308, 27.1844.



This preview shows how white text looks on a background with the XYZ color 35.1195, 37.3308,

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

35.1195, 37.3308, 27.1844

Protanopia

35.1195, 37.3308, 27.1844

Deuteranopia

37.9464, 37.2235, 27.3752



Tritanopia

38.5712, 37.4398, 43.7218

Trichromacy



Original Color

35.1195, 37.3308, 27.1844

Protanomaly

35.1195, 37.3308, 27.1844

Deuteranomaly

36.8120, 37.1494, 27.4206

Tritanomaly

37.1908, 37.3890, 37.1549

Monochromacy



Original Color

35.1195, 37.3308, 27.1844

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0914, 37.1427, 35.0255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1195, 37.3308, 27.1844 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(175, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.1195, 37.3308, 27.1844 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(175, 164, 132) }
```


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

```
.border{ border-color:rgb(175, 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(175, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 164, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 164, 132); box-shadow:4px 4px 4px 4px rgb(175, 164, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1195, 37.3308, 27.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 164, 132) }
```

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

```
.background{ background-color: rgb(175,  
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