

Converting Colors

XYZ(35.7954, 39.2210, 27.5397)

Have a look what the booklet for
XYZ(35.7954, 39.2210, 27.5397)
contains.

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Color

**XYZ(35.7732, 39.2996,
27.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAA84
RGB	173, 170, 132
RGB Percent	68%, 67%, 52%
CMY	0.3216, 0.3333, 0.4823
CMYK	0.00, 0.02, 0.24, 0.32
HSL	56°, 20%, 60%
HSV	56°, 24%, 68%
XYZ	35.7732, 39.2996, 27.5299
YIQ	166.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

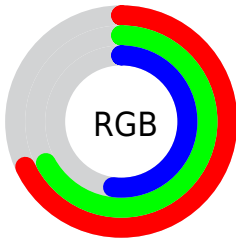
Format	Color
RYB	135, 173, 132
Decimal	11381380
CIELab	68.97, -5.24, 20.03
CIElCh	69, 20.702, 104.656
Yxy	39.2996, 0.3487, 0.3830
Android (android.graphics.Color)	4289571460 (0xFFADAA84)
YUV	166.5650, -17.0405, 5.6435
Hunter-Lab	62.6894, -7.8468, 17.8455

Details

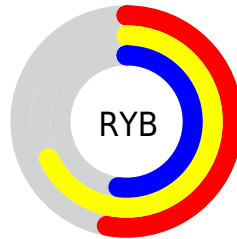
The XYZ color **35.7732, 39.2996, 27.5299** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7225, 25.2502, 43.0536**, and the grayscale version is **36.5953, 38.5011, 41.9277**.

A 20% lighter version of the original color is **67.9953, 74.0112, 56.6008**, and **15.7472, 17.5591, 10.5419** is the 20% darker color. If you saturate the color by 10%, you get **34.4507, 38.3945, 21.7248**, and if you desaturate by 10%, it is **37.2964, 40.2913, 34.3714**.

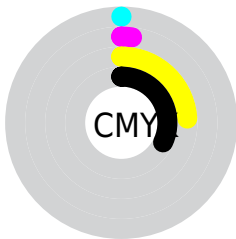
Distribution



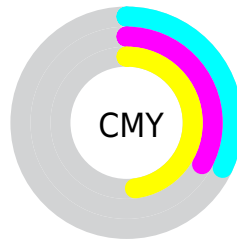
- Red (68%)
- Green (67%)
- Blue (52%)



- Red (53%)
- Yellow (68%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7732, 39.2996, 27.5299 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 35.7732, 39.2996, 27.5299 by changing the saturation by 10% instead.

■ 35.7732, 39.2996,
27.5299

■ 35.7732, 39.2996,
27.5299

319.4167,
343.1626, 304.0547

■ 24.4284, 26.9929,
17.7356

■ 68.0080, 74.0958,
56.7471

■ 15.7782, 17.5679,
10.5929

■ 89.6287, 97.3540,
77.0070

■ 9.4572, 10.6402,
5.6831

■ 115.4055,
125.0316, 101.5927

■ 5.1000, 5.8254,
2.5877

145.7036,
157.5128, 130.9225

■ 2.3414, 2.7392,
0.8861

180.8884,
195.1821, 165.4151

■ 0.8157, 0.9972,
0.0000

221.3253,

■ 0.0000, 0.0000,

238.4239, 205.4890

0.0000

267.3796,
287.6226, 251.5626

■ 35.7732, 39.2996,
27.5299

■ 35.7732, 39.2996,
27.5299

■ 34.4507, 38.3945,
21.7248

■ 37.2964, 40.2913,
34.3714

■ 33.3162, 37.5669,
16.9028

■ 39.0262, 41.3680,
42.2943

■ 32.3601, 36.8143,
13.0094

■ 40.9721, 42.5348,
51.3439

■ 31.5709, 36.1321,
9.9838

■ 43.1421, 43.7948,
61.5623

■ 30.9358, 35.5151,
7.7581

■ 45.5438, 45.1513,
72.9891

■ 30.4399, 34.9573,
6.2544

■ 48.1843, 46.6070,
85.6625

■ 30.0653, 34.4518,
5.3789

■ 51.0706, 48.1647,
99.6187

■ 29.8665, 34.1499,
5.0175

■ 51.6291, 48.7950,
101.3050

■ 51.8857, 49.3083,
101.3905

Harmonies

Analogous

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



39.0544, 39.2996, 27.5719



35.7732, 39.2996, 27.5299



33.0755, 39.2996, 31.1398

Triad

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



35.7732, 39.2996, 27.5299



33.0260, 39.2996, 56.8495



43.8007, 39.2996, 47.7727

Complementary

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



35.7732, 39.2996, 27.5299



25.7225, 25.2502, 43.0536

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.



41.9844, 39.2996, 57.0358



35.7732, 39.2996, 27.5299



35.7019, 39.2996, 62.7775

Square

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



35.7732, 39.2996, 27.5299



31.5539, 39.2996, 47.5467



38.9788, 39.2996, 62.8503



43.8226, 39.2996, 38.3627

Rectangle

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



35.7732, 39.2996, 27.5299



31.9159, 39.2996, 35.4855



38.9788, 39.2996, 62.8503



43.3752, 39.2996, 51.0351

Sweetspot

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



35.7742, 39.3014, 27.5307



68.7902, 73.4096, 70.6657



29.8879, 27.1483, 26.7412



14.9110, 15.9296, 15.1798



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.



35.7742, 39.3014, 27.5307



62.8907, 69.5902, 44.0990



32.8030, 38.6131, 27.5545



8.6118, 9.2285, 8.5408



21.9592, 25.1239, 3.6920



0.6254, 0.7280, 0.1076

Inverse Universe

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



25.7225, 25.2502, 43.0536



41.9869, 40.3704, 76.3851



28.2042, 25.9176, 43.0516



7.6242, 7.8478, 10.0656



5.6610, 2.4558, 29.2202



0.1724, 0.0981, 0.8178

Previews

White Background



This preview shows how the XYZ color 35.7732, 39.2996, 27.5299 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 35.7732, 39.2996, 27.5299 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

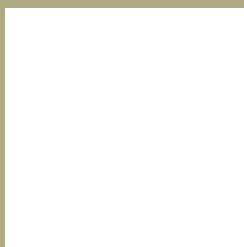
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7732, 39.2996, 27.5299

Background



This preview shows how black text looks on a background with the XYZ color 35.7732, 39.2996, 27.5299.



This preview shows how white text looks on a background with the XYZ color 35.7732, 39.2996,

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

35.7732, 39.2996, 27.5299

Protanopia

36.6898, 39.2277, 27.1107

Deuteranopia

39.9884, 39.2977, 28.0318



Tritanopia

39.8017, 39.3089, 47.0846

Trichromacy



Original Color

35.7732, 39.2996, 27.5299

Protanomaly

36.4162, 39.3617, 27.1510

Deuteranomaly

38.4278, 39.2951, 27.7496

Tritanomaly

38.2007, 39.1928, 39.2698

Monochromacy



Original Color

35.7732, 39.2996, 27.5299

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.1976, 38.7734, 36.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7732, 39.2996, 27.5299 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(173, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 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(173, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.7732, 39.2996, 27.5299 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(173, 170, 132) }
```


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

```
.border{ border-color:rgb(173, 170, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7732, 39.2996, 27.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 132) }
```

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

```
.background{ background-color: rgb(173,  
170, 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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