

Converting Colors

XYZ(34.6172, 37.4114, 28.5041)

Have a look what the booklet for
XYZ(34.6172, 37.4114, 28.5041)
contains.

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Color

**XYZ(34.4766, 37.2339,
28.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA588
RGB	170, 165, 136
RGB Percent	67%, 65%, 53%
CMY	0.3333, 0.3529, 0.4667
CMYK	0.00, 0.03, 0.20, 0.33
HSL	51°, 17%, 60%
HSV	51°, 20%, 67%
XYZ	34.4766, 37.2339, 28.6623
YIQ	163.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

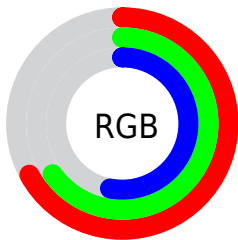
Format	Color
RYB	142, 170, 136
Decimal	11183496
CIELab	67.45, -3.12, 15.70
CIElCh	67, 16.012, 101.239
Yxy	37.2339, 0.3435, 0.3710
Android (android.graphics.Color)	4289373576 (0xFFAAA588)
YUV	163.1890, -13.4042, 5.9732
Hunter-Lab	61.0196, -5.9302, 14.8638

Details

The XYZ color **34.4766, 37.2339, 28.6623** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9337, 27.1856, 41.8581**, and the grayscale version is **34.9601, 36.7808, 40.0543**.

A 20% lighter version of the original color is **66.1425, 71.0293, 58.3680**, and **15.0561, 16.3337, 11.1633** is the 20% darker color. If you saturate the color by 10%, you get **32.9172, 35.8975, 22.6472**, and if you desaturate by 10%, it is **36.2384, 38.6679, 35.6913**.

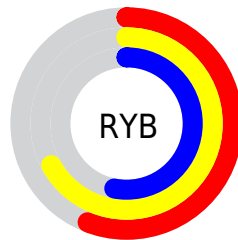
Distribution



Red (67%)

Green (65%)

Blue (53%)



Red (56%)

Yellow (67%)

Blue (53%)

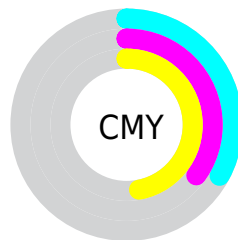


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4766, 37.2339, 28.6623 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 34.4766, 37.2339, 28.6623 by changing the saturation by 10% instead.

■ 34.4766, 37.2339,
28.6623

■ 34.4766, 37.2339,
28.6623

313.8006,
334.3221, 309.6292

■ 23.4246, 25.3886,
18.5821

■ 66.0135, 70.9324,
58.5759

■ 15.0298, 16.3668,
11.1950

■ 87.2291, 93.5544,
79.2464

■ 8.9267, 9.7841,
6.0823

■ 112.5634,
120.5374, 104.2841

■ 4.7501, 5.2561,
2.8256

142.3815,
152.2659, 134.1075

■ 2.1347, 2.3983,
1.0063

177.0490,
189.1242, 169.1351

■ 0.7080, 0.8250,
0.0000

216.9311,

■ 0.0000, 0.0000,

231.4968, 209.7856

0.0000

262.3932,
279.7679, 256.4774

■ 34.4766, 37.2339,
28.6623

■ 34.4766, 37.2339,
28.6623

■ 32.9172, 35.8975,
22.6472

■ 36.2384, 38.6679,
35.6913

■ 31.5482, 34.6500,
17.5961

■ 38.2082, 40.1980,
43.7761

■ 30.3609, 33.4890,
13.4584

■ 40.3950, 41.8291,
52.9593

■ 29.3445, 32.4103,
10.1782

■ 42.8061, 43.5643,
63.2803

■ 28.4871, 31.4090,
7.6932

■ 45.4489, 45.4065,
74.7766

■ 27.7754, 30.4796,
5.9327

■ 48.3302, 47.3586,
87.4840

■ 27.1933, 29.6156,
4.8135

■ 51.4562, 49.4231,
101.4353

■ 26.7062, 28.8032,
4.1520

■ 51.9741, 50.4591,
101.6080

■ 26.7061, 28.8031,
4.1520

■ 52.5013, 51.5134,
101.7837

Harmonies

Analogous

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



36.9316, 37.2339, 29.0286



34.4766, 37.2339, 28.6623



32.3649, 37.2339, 31.1915

Triad

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



34.4766, 37.2339, 28.6623



31.9535, 37.2339, 50.1341



40.0559, 37.2339, 45.0523

Complementary

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



34.4766, 37.2339, 28.6623



26.9337, 27.1856, 41.8581

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.



38.5974, 37.2339, 51.5947



34.4766, 37.2339, 28.6623



33.8913, 37.2339, 54.7550

Square

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



34.4766, 37.2339, 28.6623



30.9538, 37.2339, 43.2369



36.3188, 37.2339, 55.3185



40.2304, 37.2339, 37.9603

Rectangle

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



34.4766, 37.2339, 28.6623



31.4063, 37.2339, 34.3714



36.3188, 37.2339, 55.3185



39.6964, 37.2339, 47.4089

Sweetspot

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



34.4776, 37.2356, 28.6631



67.0953, 71.2174, 70.2328



30.1972, 28.0809, 29.0674



14.9133, 15.8433, 15.4611



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.



34.4776, 37.2356, 28.6631



61.2560, 66.4622, 46.9424



32.9392, 37.8065, 28.8544



8.0516, 8.5832, 8.0216



19.6770, 21.2512, 3.0648



0.5034, 0.5664, 0.0828

Inverse Universe

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



26.9337, 27.1856, 41.8581



45.0522, 44.8768, 75.2895



28.2549, 26.7977, 41.7136



7.2175, 7.4719, 9.4802



5.6192, 2.6986, 28.2002



0.1624, 0.1170, 0.6947

Previews

White Background



This preview shows how the XYZ color 34.4766, 37.2339, 28.6623 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 34.4766, 37.2339, 28.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

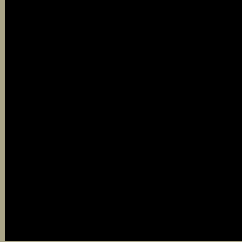
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4766, 37.2339, 28.6623

Background



This preview shows how black text looks on a background with the XYZ color 34.4766, 37.2339, 28.6623.



This preview shows how white text looks on a background with the XYZ color 34.4766, 37.2339,

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

34.4766, 37.2339, 28.6623

Protanopia

35.1042, 37.2989, 28.2709

Deuteranopia

37.7285, 37.0787, 28.8353



Tritanopia

37.6964, 37.2341, 44.2298

Trichromacy



Original Color

34.4766, 37.2339, 28.6623

Protanomaly

34.8822, 37.1844, 28.2605

Deuteranomaly

36.5516, 37.2410, 28.9287

Tritanomaly

36.4119, 37.2281, 38.0675

Monochromacy



Original Color

34.4766, 37.2339, 28.6623

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.7511, 36.9578, 35.4390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4766, 37.2339, 28.6623 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(170, 165, 136) looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 136)  
}
```

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(170, 165, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.4766, 37.2339, 28.6623 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(170, 165, 136) }
```


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

```
.border{ border-color:rgb(170, 165, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4766, 37.2339, 28.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 136) }
```

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

```
.background{ background-color: rgb(170,  
165, 136) }
```

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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