

Converting Colors

XYZ(32.7493, 36.4960, 33.9268)

Have a look what the booklet for
XYZ(32.7493, 36.4960, 33.9268)
contains.

XYZ(32.7713, 36.5103, 33.7537)	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(32.7713, 36.5103,
33.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA695
RGB	156, 166, 149
RGB Percent	61%, 65%, 58%
CMY	0.3882, 0.3490, 0.4157
CMYK	0.06, 0.00, 0.10, 0.35
HSL	95°, 9%, 62%
HSV	95°, 10%, 65%
XYZ	32.7713, 36.5103, 33.7537
YIQ	161.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

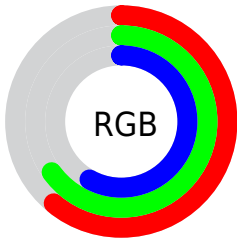
Format	Color
RYB	149, 166, 159
Decimal	10266261
CIELab	66.91, -6.75, 7.59
CIELCh	67, 10.158, 131.677
Yxy	36.5103, 0.3181, 0.3543
Android (android.graphics.Color)	4288456341 (0xFF9CA695)
YUV	161.0720, -5.9515, -4.4481
Hunter-Lab	60.4238, -8.9307, 9.1763

Details

The XYZ color **32.7713, 36.5103, 33.7537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9300, 31.6200, 40.4987**, and the grayscale version is **33.9375, 35.7049, 38.8827**.

A 20% lighter version of the original color is **63.4999, 69.8736, 66.6401**, and **14.0476, 15.9197, 13.8877** is the 20% darker color. If you saturate the color by 10%, you get **29.7250, 35.0833, 27.1790**, and if you desaturate by 10%, it is **36.1605, 38.0944, 41.3322**.

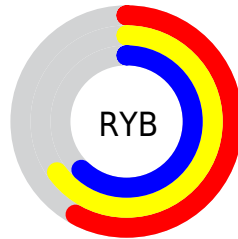
Distribution



Red (61%)

Green (65%)

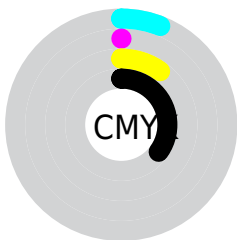
Blue (58%)



Red (58%)

Yellow (65%)

Blue (62%)

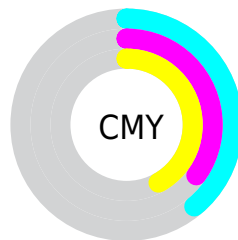


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7713, 36.5103, 33.7537 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 32.7713, 36.5103, 33.7537 by changing the saturation by 10% instead.

■ 32.7713, 36.5103,
33.7537

■ 32.7713, 36.5103,
33.7537

306.3012,
331.1855, 333.7680

■ 22.1097, 24.8286,
22.4286

■ 63.3754, 69.8190,
66.6800

■ 14.0546, 15.9494,
13.9709

■ 84.0486, 92.2147,
89.1183

■ 8.2406, 9.4883,
7.9619

108.7897,
118.9506, 116.0980

■ 4.3024, 5.0611,
3.9831

137.9640,
150.4109, 148.0378

■ 1.8746, 2.2831,
1.6161

171.9370,
186.9802, 185.3562

■ 0.5620, 0.7648,
0.3023

211.0739,

■ 0.0000, 0.0000,

229.0428, 228.4716

0.0000

255.7402,
276.9831, 277.8027

■ 32.7713, 36.5103,
33.7537

■ 32.7713, 36.5103,
33.7537

■ 29.7250, 35.0833,
27.1790

■ 36.1605, 38.0944,
41.3322

■ 27.0071, 33.8037,
21.5635

■ 39.9007, 39.8356,
49.9516

■ 24.6065, 32.6677,
16.8632

■ 44.0030, 41.7400,
59.6501

■ 22.5101, 31.6696,
13.0292

■ 48.4776, 43.8120,
70.4632

■ 20.7038, 30.8034,
10.0086

■ 53.3340, 46.0559,
82.4250

■ 19.1723, 30.0625,
7.7422

■ 58.5813, 48.4755,
95.5679

■ 17.8986, 29.4395,
6.1631

■ 62.5415, 50.4000,
101.0396

■ 16.8630, 28.9260,
5.1925

■ 65.6627, 52.0091,
101.1857

■ 16.0444, 28.5150,
4.6583

■ 68.9608, 53.7093,
101.3400

Harmonies

Analogous

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



34.1065, 36.5103, 32.0183



32.7713, 36.5103, 33.7537



31.9680, 36.5103, 37.1483

Triad

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



32.7713, 36.5103, 33.7537



33.7799, 36.5103, 48.3534



37.6812, 36.5103, 38.0629

Complementary

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



32.7713, 36.5103, 33.7537



31.9300, 31.6200, 40.4987

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.



37.5875, 36.5103, 42.4777



32.7713, 36.5103, 33.7537



35.3043, 36.5103, 48.6438

Square

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



32.7713, 36.5103, 33.7537



32.5383, 36.5103, 45.6590



36.7070, 36.5103, 46.4252



36.9594, 36.5103, 34.3805

Rectangle

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



32.7713, 36.5103, 33.7537



31.8273, 36.5103, 40.0020



36.7070, 36.5103, 46.4252



37.7446, 36.5103, 39.5061

Sweetspot

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



32.7723, 36.5119, 33.7545



63.8308, 68.2972, 70.9530



33.5360, 35.0460, 33.4313



14.1734, 15.2320, 15.6289



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.7723, 36.5119, 33.7545



58.3317, 65.7267, 58.7524



31.5704, 35.8791, 34.2924



7.7183, 8.5529, 8.0333



12.4916, 22.1369, 3.6145



0.3624, 0.5687, 0.0907

Inverse Universe

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



31.9300, 31.6200, 40.4987



56.5315, 55.2730, 73.1645



33.2284, 32.3043, 39.8847



7.5388, 7.5104, 9.4706



9.2693, 4.1619, 28.2903



0.2815, 0.1301, 0.6909

Previews

White Background



This preview shows how the XYZ color 32.7713, 36.5103, 33.7537 looks on a white background.

Color Contrast Check

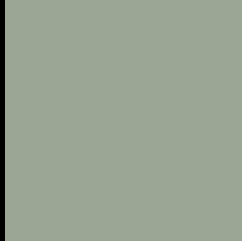
Large Text (above 18pt) WCAG AA × Fail

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 32.7713, 36.5103, 33.7537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

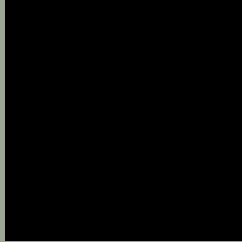
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7713, 36.5103, 33.7537

Background



This preview shows how black text looks on a background with the XYZ color 32.7713, 36.5103, 33.7537.



This preview shows how white text looks on a background with the XYZ color 32.7713, 36.5103,

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

32.7713, 36.5103, 33.7537

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

37.1713, 36.4156, 34.3479



Tritanopia

35.1554, 36.4094, 45.7323

Trichromacy



Original Color

32.7713, 36.5103, 33.7537

Protanomaly

33.7523, 36.2250, 33.2302

Deuteranomaly

35.3094, 36.2279, 33.9858

Tritanomaly

34.2782, 36.3185, 41.2799

Monochromacy



Original Color

32.7713, 36.5103, 33.7537

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.4811, 35.9996, 37.0823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7713, 36.5103, 33.7537 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(156, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 166, 149)  
}
```

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(156, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 166, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.7713, 36.5103, 33.7537 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(156, 166, 149) }
```


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

```
.border{ border-color:rgb(156, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 166,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7713, 36.5103, 33.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 166, 149) }
```

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

```
.background{ background-color: rgb(156,  
166, 149) }
```

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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