

Converting Colors

XYZ(32.6110, 36.6580, 29.9597)

Have a look what the booklet for
XYZ(32.6110, 36.6580, 29.9597)
contains.

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Color

**XYZ(32.5795, 36.7706,
29.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA78B
RGB	158, 167, 139
RGB Percent	62%, 65%, 55%
CMY	0.3804, 0.3451, 0.4549
CMYK	0.05, 0.00, 0.17, 0.35
HSL	79°, 14%, 60%
HSV	79°, 17%, 65%
XYZ	32.5795, 36.7706, 29.8064
YIQ	161.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

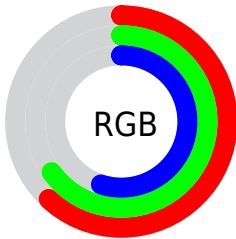
Format	Color
RYB	139, 167, 148
Decimal	10397579
CIELab	67.10, -8.29, 13.42
CIELCh	67, 15.774, 121.690
Yxy	36.7706, 0.3286, 0.3708
Android (android.graphics.Color)	4288587659 (0xFF9EA78B)
YUV	161.1170, -10.9037, -2.7336
Hunter-Lab	60.6388, -10.2148, 13.3037

Details

The XYZ color **32.5795, 36.7706, 29.8064** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.4218, 27.5521, 40.3812**, and the grayscale version is **33.9794, 35.7490, 38.9306**.

A 20% lighter version of the original color is **63.1875, 70.2389, 60.6792**, and **13.8778, 16.0469, 11.8171** is the 20% darker color. If you saturate the color by 10%, you get **30.4184, 35.7880, 23.8148**, and if you desaturate by 10%, it is **34.9751, 37.8548, 36.7836**.

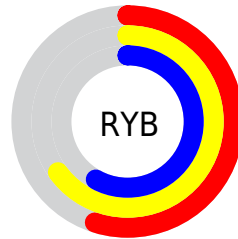
Distribution



Red (62%)

Green (65%)

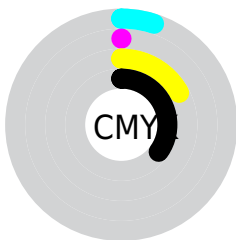
Blue (55%)



Red (55%)

Yellow (65%)

Blue (58%)

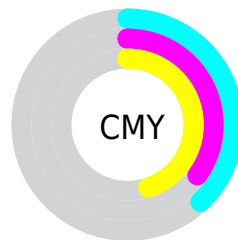


Cyan (5%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5795, 36.7706, 29.8064 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 32.5795, 36.7706, 29.8064 by changing the saturation by 10% instead.

■ 32.5795, 36.7706,
29.8064

■ 32.5795, 36.7706,
29.8064

305.4493,
332.3163, 315.1802

■ 21.9622, 25.0299,
19.4409

■ 63.0775, 70.2198,
60.4133

■ 13.9456, 16.0994,
11.8093

■ 83.6890, 92.6972,
81.4917

■ 8.1643, 9.5945,
6.4930

■ 108.3626,
119.5222, 106.9782

■ 4.2529, 5.1309,
3.0735

137.4636,
151.0793, 137.2912

■ 1.8462, 2.3243,
1.1323

171.3574,
187.7528, 172.8494

■ 0.5453, 0.7865,
0.0000

210.4094,

■ 0.0000, 0.0000,

229.9273, 214.0713

0.0000

254.9849,
277.9869, 261.3753

■ 32.5795, 36.7706,
29.8064

■ 32.5795, 36.7706,
29.8064

■ 30.4184, 35.7880,
23.8148

■ 34.9751, 37.8548,
36.7836

■ 28.4800, 34.8985,
18.7621

■ 37.6109, 39.0392,
44.7855

■ 26.7554, 34.0998,
14.6010

■ 40.4957, 40.3286,
53.8524

■ 25.2343, 33.3876,
11.2796

■ 43.6372, 41.7263,
64.0212

■ 23.9051, 32.7572,
8.7403

■ 47.0426, 43.2352,
75.3273

■ 22.7549, 32.2033,
6.9186

■ 50.7189, 44.8580,
87.8046

■ 21.7688, 31.7201,
5.7393

■ 54.5268, 46.5392,
100.7168

■ 20.9254, 31.2987,
5.0934

■ 55.9448, 47.2702,
100.7832

■ 20.6696, 31.1703,
4.9271

■ 57.4133, 48.0272,
100.8519

Harmonies

Analogous

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



34.8133, 36.7706, 28.2206



32.5795, 36.7706, 29.8064



31.0400, 36.7706, 34.0877

Triad

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



32.5795, 36.7706, 29.8064



32.8051, 36.7706, 52.8435



39.7706, 36.7706, 39.6481

Complementary

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



32.5795, 36.7706, 29.8064



28.4218, 27.5521, 40.3812

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.



39.1739, 36.7706, 46.6410



32.5795, 36.7706, 29.8064



35.0857, 36.7706, 54.7623

Square

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



32.5795, 36.7706, 29.8064



31.1660, 36.7706, 47.3930



37.4314, 36.7706, 52.3755



39.0272, 36.7706, 33.4844

Rectangle

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



32.5795, 36.7706, 29.8064



30.5768, 36.7706, 38.1561



37.4314, 36.7706, 52.3755



39.7200, 36.7706, 41.9786

Sweetspot

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



32.5805, 36.7722, 29.8072



63.3961, 68.1348, 68.1468



31.1668, 31.2187, 28.8098



14.1179, 15.2162, 15.0436



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.



32.5805, 36.7722, 29.8072



56.9077, 65.1998, 49.3239



30.0050, 35.4445, 29.6867



7.9088, 8.6511, 8.0423



15.8685, 23.8777, 3.7725



0.4359, 0.6066, 0.0941

Inverse Universe

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



28.4218, 27.5521, 40.3812



48.0884, 45.6449, 71.7511



31.0822, 28.9236, 40.5057



7.3504, 7.4133, 9.4618



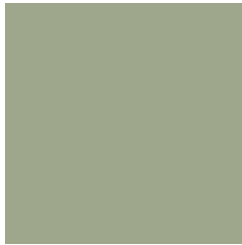
6.5352, 2.7525, 28.1623



0.2120, 0.0943, 0.6877

Previews

White Background



This preview shows how the XYZ color 32.5795, 36.7706, 29.8064 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 32.5795, 36.7706, 29.8064 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

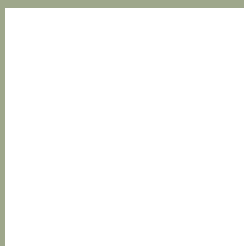
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5795, 36.7706, 29.8064

Background



This preview shows how black text looks on a background with the XYZ color 32.5795, 36.7706, 29.8064.



This preview shows how white text looks on a background with the XYZ color 32.5795, 36.7706,

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

32.5795, 36.7706, 29.8064

Protanopia

34.6258, 36.7712, 28.9395

Deuteranopia

37.3582, 36.6018, 30.2952



Tritanopia

35.7625, 36.7223, 45.7607

Trichromacy



Original Color

32.5795, 36.7706, 29.8064

Protanomaly

33.7993, 36.6014, 29.3281

Deuteranomaly

35.3830, 36.6133, 30.0131

Tritanomaly

34.4950, 36.7366, 39.4552

Monochromacy



Original Color

32.5795, 36.7706, 29.8064

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.3442, 35.9679, 35.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5795, 36.7706, 29.8064 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(158, 167, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 139)  
}
```

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(158, 167, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.5795, 36.7706, 29.8064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

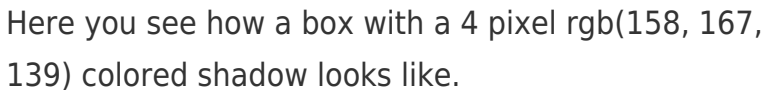
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 167, 139) }
```


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

```
.border{ border-color:rgb(158, 167, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 167, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 167, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 167, 139); box-shadow:4px 4px 4px 4px rgb(158, 167, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5795, 36.7706, 29.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 139) }
```

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

```
.background{ background-color: rgb(158,  
167, 139) }
```

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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