

Converting Colors

XYZ(33.0769, 34.1522, 32.8155)

Have a look what the booklet for
XYZ(33.0769, 34.1522, 32.8155)
contains.

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Color

**XYZ(32.9596, 34.0220,
32.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	A69C94
RGB	166, 156, 148
RGB Percent	65%, 61%, 58%
CMY	0.3490, 0.3882, 0.4196
CMYK	0.00, 0.06, 0.11, 0.35
HSL	27°, 9%, 62%
HSV	27°, 11%, 65%
XYZ	32.9596, 34.0220, 32.8467
YIQ	158.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

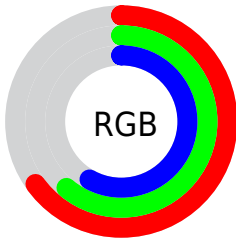
Format	Color
RYB	166, 162, 148
Decimal	10919060
CIELab	64.98, 2.23, 5.49
CIELCh	65, 5.921, 67.913
Yxy	34.0220, 0.3302, 0.3408
Android (android.graphics.Color)	4289109140 (0xFFA69C94)
YUV	158.0780, -4.9685, 6.9476
Hunter-Lab	58.3284, -1.2097, 7.4416

Details

The XYZ color **32.9596, 34.0220, 32.8467** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3224, 33.5021, 40.8924**, and the grayscale version is **32.5546, 34.2500, 37.2982**.

A 20% lighter version of the original color is **63.5261, 65.7296, 65.2160**, and **14.1487, 14.5436, 13.3707** is the 20% darker color. If you saturate the color by 10%, you get **30.2503, 30.5572, 25.9193**, and if you desaturate by 10%, it is **35.9767, 37.8001, 40.8073**.

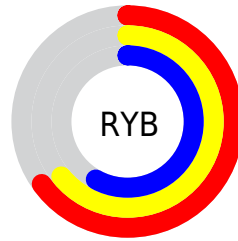
Distribution



Red (65%)

Green (61%)

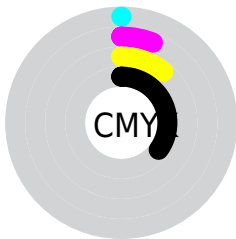
Blue (58%)



Red (65%)

Yellow (64%)

Blue (58%)

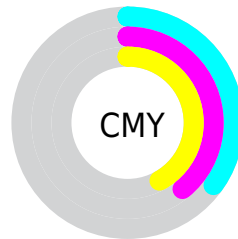


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9596, 34.0220, 32.8467 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 32.9596, 34.0220, 32.8467 by changing the saturation by 10% instead.

■ 32.9596, 34.0220,
32.8467

■ 32.9596, 34.0220,
32.8467

307.1359,
320.2301, 329.5692

■ 22.2546, 22.9105,
21.7389

■ 63.6675, 65.9679,
65.2494

■ 14.1617, 14.5274,
13.4687

■ 84.4012, 87.5710,
87.3813

■ 8.3157, 8.4884,
7.6176

109.2084,
113.4402, 114.0250

■ 4.3511, 4.4090,
3.7670

138.4546,
143.9598, 145.5990

■ 1.9026, 1.9049,
1.4984

172.5051,
179.5142, 182.5219

■ 0.5784, 0.5513,
0.2167

211.7252,

■ 0.0000, 0.0000,

220.4878, 225.2122

0.0000

256.4804,
267.2650, 274.0885

■ 32.9596, 34.0220,
32.8467

■ 32.9596, 34.0220,
32.8467

■ 30.2503, 30.5572,
25.9193

■ 35.9767, 37.8001,
40.8073

■ 27.8353, 27.3928,
19.9799

■ 39.3089, 41.8950,
49.8391

■ 25.7045, 24.5215,
14.9834

■ 42.9665, 46.3159,
59.9813

■ 23.8458, 21.9340,
10.8801

■ 46.9587, 51.0702,
71.2699

■ 22.2461, 19.6206,
7.6158

■ 51.2942, 56.1650,
83.7398

■ 20.8913, 17.5707,
5.1303

■ 55.9814, 61.6074,
97.4240

■ 19.7653, 15.7728,
3.3551

■ 59.5110, 66.7971,
104.3643

■ 18.8498, 14.2144,
2.2096

■ 62.0057, 71.7865,
105.1959

■ 18.1619, 12.9789,
1.5479

■ 64.6361, 77.0473,
106.0727

Harmonies

Analogous

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



33.6526, 34.0220, 34.2232



32.9596, 34.0220, 32.8467



32.1109, 34.0220, 32.5697

Triad

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



32.9596, 34.0220, 32.8467



30.7343, 34.0220, 37.6967



33.3586, 34.0220, 40.8880

Complementary

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



32.9596, 34.0220, 32.8467



31.3224, 33.5021, 40.8924

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.



32.5639, 34.0220, 41.9108



32.9596, 34.0220, 32.8467



31.0559, 34.0220, 40.0160

Square

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



32.9596, 34.0220, 32.8467



30.8360, 34.0220, 35.3002



31.7221, 34.0220, 41.5848



33.8857, 34.0220, 38.8446

Rectangle

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



32.9596, 34.0220, 32.8467



31.5727, 34.0220, 33.0339



31.7221, 34.0220, 41.5848



33.1133, 34.0220, 41.3666

Sweetspot

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



32.9605, 34.0235, 32.8474



64.0339, 67.0372, 70.6991



32.5049, 31.7628, 36.8561



14.2304, 14.8780, 15.5576



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.



32.9605, 34.0235, 32.8474



58.5901, 60.1893, 56.4308



34.4906, 37.0836, 33.3574



7.7954, 8.0708, 7.9362



14.1288, 10.1549, 1.2154



0.3951, 0.3499, 0.0467

Inverse Universe

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



31.3224, 33.5021, 40.8924



55.0179, 59.0522, 73.9737



29.8752, 30.6078, 40.4100



7.4643, 7.9654, 9.5624



8.3653, 8.1908, 29.1156



0.2534, 0.2989, 0.7250

Previews

White Background



This preview shows how the XYZ color 32.9596, 34.0220, 32.8467 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 32.9596, 34.0220, 32.8467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

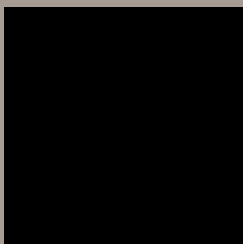
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

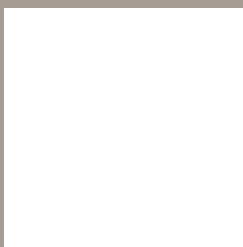
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9596, 34.0220, 32.8467

Background



This preview shows how black text looks on a background with the XYZ color 32.9596, 34.0220, 32.8467.



This preview shows how white text looks on a background with the XYZ color 32.9596, 34.0220,

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

32.9596, 34.0220, 32.8467

Protanopia

32.5860, 34.0704, 33.2925

Deuteranopia

34.5575, 33.8565, 33.1473



Tritanopia

34.3312, 33.8239, 40.3165

Trichromacy



Original Color

32.9596, 34.0220, 32.8467

Protanomaly

32.7916, 34.1764, 33.3022

Deuteranomaly

33.8293, 33.7230, 33.1600

Tritanomaly

33.7500, 33.8299, 37.5519

Monochromacy



Original Color

32.9596, 34.0220, 32.8467

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5876, 34.0241, 35.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9596, 34.0220, 32.8467 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(166, 156, 148) looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 148)  
}
```

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(166, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.9596, 34.0220, 32.8467 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(166, 156, 148) }
```


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

```
.border{ border-color:rgb(166, 156, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9596, 34.0220, 32.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 148) }
```

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

```
.background{ background-color: rgb(166,  
156, 148) }
```

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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