

Converting Colors

XYZ(32.7404, 34.6416, 29.9317)

Have a look what the booklet for
XYZ(32.7404, 34.6416, 29.9317)
contains.

XYZ(32.8576, 34.7967, 29.7956)	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(32.8576, 34.7967,
29.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	A69F8C
RGB	166, 159, 140
RGB Percent	65%, 62%, 55%
CMY	0.3490, 0.3765, 0.4510
CMYK	0.00, 0.04, 0.16, 0.35
HSL	44°, 13%, 60%
HSV	44°, 16%, 65%
XYZ	32.8576, 34.7967, 29.7956
YIQ	158.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

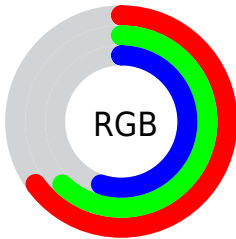
Format	Color
R_{YB}	150, 166, 140
Decimal	10919820
CIE Lab	65.59, -0.77, 10.83
CIE LCh	66, 10.854, 94.047
Yxy	34.7967, 0.3372, 0.3571
Android (android.graphics.Color)	4289109900 (0xFFA69F8C)
YUV	158.9270, -9.3310, 6.2030
Hunter-Lab	58.9887, -3.8031, 11.3443

Details

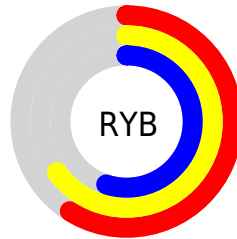
The XYZ color **32.8576, 34.7967, 29.7956** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1317, 29.1954, 40.2291**, and the grayscale version is **32.9600, 34.6765, 37.7627**.

A 20% lighter version of the original color is **63.6030, 67.3603, 60.6885**, and **14.1475, 15.0407, 11.8304** is the 20% darker color. If you saturate the color by 10%, you get **30.9708, 32.8361, 23.5765**, and if you desaturate by 10%, it is **34.9588, 36.8898, 36.9980**.

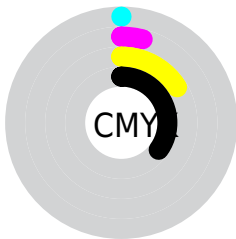
Distribution



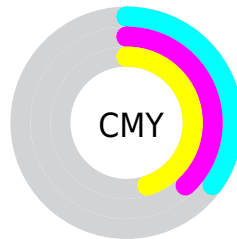
- Red (65%)
- Green (62%)
- Blue (55%)



- Red (59%)
- Yellow (65%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8576, 34.7967, 29.7956 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 32.8576, 34.7967, 29.7956 by changing the saturation by 10% instead.

■ 32.8576, 34.7967,
29.7956

■ 32.8576, 34.7967,
29.7956

306.6839,
323.6701, 315.1281

■ 22.1761, 23.5063,
19.4328

■ 63.5093, 67.1707,
60.3960

■ 14.1037, 14.9678,
11.8034

■ 84.2102, 89.0231,
81.4706

■ 8.2750, 8.7968,
6.4891

■ 108.9817,
115.1650, 106.9528

■ 4.3247, 4.6089,
3.0711

138.1889,
145.9807, 137.2613

■ 1.8874, 2.0197,
1.1311

172.1975,
181.8547, 172.8145

■ 0.5695, 0.6189,
0.0000

211.3726,

■ 0.0000, 0.0000,

223.1713, 214.0311

0.0000

256.0796,
270.3150, 261.3294

■ 32.8576, 34.7967,
29.7956

■ 32.8576, 34.7967,
29.7956

■ 30.9708, 32.8361,
23.5765

■ 34.9588, 36.8898,
36.9980

■ 29.2869, 30.9996,
18.2951

■ 37.2795, 39.1144,
45.2224

■ 27.7979, 29.2844,
13.9052

■ 39.8282, 41.4755,
54.5079

■ 26.4936, 27.6861,
10.3559

■ 42.6122, 43.9765,
64.8909

■ 25.3633, 26.2000,
7.5914

■ 45.6383, 46.6205,
76.4063

■ 24.3946, 24.8205,
5.5485

■ 48.9130, 49.4106,
89.0872

■ 23.5735, 23.5417,
4.1549

■ 52.2485, 52.2721,
101.9435

■ 22.8818, 22.3555,
3.3158

■ 53.2327, 54.2406,
102.2716

■ 22.6036, 21.8624,
3.0285

■ 54.2469, 56.2689,
102.6096

Harmonies

Analogous

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



34.4316, 34.7967, 30.5366



32.8576, 34.7967, 29.7956



31.3882, 34.7967, 31.0757

Triad

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



32.8576, 34.7967, 29.7956



30.6002, 34.7967, 43.0129



35.9037, 34.7967, 41.8569

Complementary

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



32.8576, 34.7967, 29.7956



28.1317, 29.1954, 40.2291

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.



34.8174, 34.7967, 45.6288



32.8576, 34.7967, 29.7956



31.7511, 34.7967, 46.3329

Square

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



32.8576, 34.7967, 29.7956



30.1117, 34.7967, 38.5099



33.2898, 34.7967, 47.3264



36.2228, 34.7967, 37.2722

Rectangle

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



32.8576, 34.7967, 29.7956



30.6558, 34.7967, 32.9683



33.2898, 34.7967, 47.3264



35.6145, 34.7967, 43.2736

Sweetspot

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



32.8585, 34.7982, 29.7963



63.6755, 67.1744, 67.9467



30.3996, 28.9817, 31.7471



14.1886, 14.9730, 14.9929



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.



32.8585, 34.7982, 29.7963



58.3263, 61.8139, 49.7074



32.9407, 36.6775, 30.1547



7.9736, 8.4272, 7.9956



17.5679, 17.0331, 2.3618



0.4663, 0.4921, 0.0704

Inverse Universe

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



28.1317, 29.1954, 40.2291



47.9947, 49.5686, 72.5134



28.0504, 27.5873, 39.9230



7.2899, 7.6168, 9.5043



6.0894, 3.6390, 28.3569



0.1894, 0.1711, 0.7037

Previews

White Background



This preview shows how the XYZ color 32.8576, 34.7967, 29.7956 looks on a white background.

Color Contrast Check

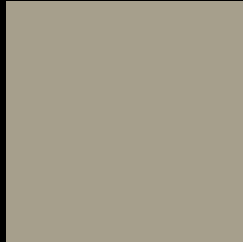
Large Text (above 18pt) WCAG AA × Fail

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 32.8576, 34.7967, 29.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

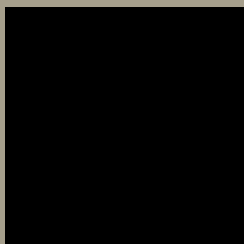
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

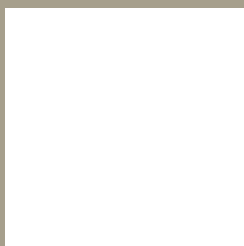
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8576, 34.7967, 29.7956

Background



This preview shows how black text looks on a background with the XYZ color 32.8576, 34.7967, 29.7956.



This preview shows how white text looks on a background with the XYZ color 32.8576, 34.7967,

29.7956.

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

32.8576, 34.7967, 29.7956

Protanopia

33.0681, 34.9052, 29.8054

Deuteranopia

35.2550, 34.5293, 30.0060



Tritanopia

35.2740, 34.7788, 41.4130

Trichromacy



Original Color

32.8576, 34.7967, 29.7956

Protanomaly

33.0681, 34.9052, 29.8054

Deuteranomaly

34.4336, 34.5959, 30.0621

Tritanomaly

34.3365, 34.6463, 36.7760

Monochromacy



Original Color

32.8576, 34.7967, 29.7956

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9659, 34.7447, 34.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8576, 34.7967, 29.7956 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, 159, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 140)  
}
```

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, 159, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.8576, 34.7967, 29.7956 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, 159, 140) }
```


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

```
.border{ border-color:rgb(166, 159, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 159, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8576, 34.7967, 29.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 140) }
```

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

```
.background{ background-color: rgb(166,  
159, 140) }
```

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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