

Converting Colors

XYZ(32.6235, 34.7617, 36.6815)

Have a look what the booklet for
XYZ(32.6235, 34.7617, 36.6815)
contains.

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Color

**XYZ(32.7572, 34.8450,
36.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA09D
RGB	158, 160, 157
RGB Percent	62%, 63%, 62%
CMY	0.3804, 0.3725, 0.3843
CMYK	0.01, 0.00, 0.02, 0.37
HSL	100°, 2%, 62%
HSV	100°, 2%, 63%
XYZ	32.7572, 34.8450, 36.8976
YIQ	159.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

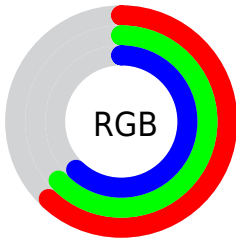
Format	Color
RYB	157, 160, 159
Decimal	10395805
CIELab	65.63, -1.29, 1.30
CIELCh	66, 1.830, 134.670
Yxy	34.8450, 0.3135, 0.3334
Android (android.graphics.Color)	4288585885 (0xFF9EA09D)
YUV	159.0600, -1.0156, -0.9296
Hunter-Lab	59.0297, -4.2473, 4.2604

Details

The XYZ color **32.7572, 34.8450, 36.8976** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7015, 34.0239, 38.1031**, and the grayscale version is **32.9875, 34.7054, 37.7942**.

A 20% lighter version of the original color is **63.6247, 67.5005, 71.9629**, and **14.1336, 15.1037, 15.8061** is the 20% darker color. If you saturate the color by 10%, you get **29.4713, 33.2997, 30.0738**, and if you desaturate by 10%, it is **36.4063, 36.5589, 44.6737**.

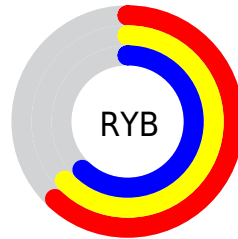
Distribution



Red (62%)

Green (63%)

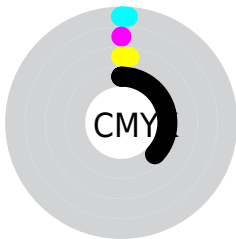
Blue (62%)



Red (62%)

Yellow (63%)

Blue (62%)

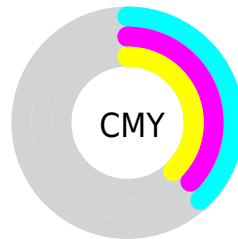


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7572, 34.8450, 36.8976 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 32.7572, 34.8450, 36.8976 by changing the saturation by 10% instead.

■ 32.7572, 34.8450,
36.8976

■ 32.7572, 34.8450,
36.8976

306.2386,
323.8836, 348.0223

■ 22.0989, 23.5435,
24.8331

■ 63.3535, 67.2456,
71.5998

■ 14.0466, 14.9953,
15.7348

■ 84.0221, 89.1134,
95.0746

■ 8.2350, 8.8161,
9.1844

108.7583,
115.2722, 123.1898

■ 4.2987, 4.6214,
4.7632

137.9273,
146.1063, 156.3641

■ 1.8725, 2.0269,
2.0527

171.8944,
182.0001, 195.0160

■ 0.5608, 0.6230,
0.5874

211.0251,

■ 0.0000, 0.0000,

223.3380, 239.5639

0.0000

255.6847,
270.5044, 290.4265

■ 32.7572, 34.8450,
36.8976

■ 32.7572, 34.8450,
36.8976

■ 29.4713, 33.2997,
30.0738

■ 36.4063, 36.5589,
44.6737

■ 26.5341, 31.9133,
24.1636

■ 40.4266, 38.4417,
53.4345

■ 23.9344, 30.6819,
19.1288

■ 44.8296, 40.4996,
63.2135

■ 21.6595, 29.5997,
14.9276

■ 49.6254, 42.7372,
74.0421

■ 19.6955, 28.6607,
11.5151

■ 54.8235, 45.1588,
85.9501

■ 18.0276, 27.8583,
8.8418

■ 60.4334, 47.7685,
98.9665

■ 16.6395, 27.1854,
6.8528

■ 64.1263, 49.6353,
100.8085

■ 15.5134, 26.6339,
5.4855

■ 67.7100, 51.4827,
100.9762

■ 14.6286, 26.1950,
4.6658

■ 71.5078, 53.4406,
101.1539

Harmonies

Analogous

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



32.9884, 34.8450, 36.5267



32.7572, 34.8450, 36.8976



32.6233, 34.8450, 37.5504

Triad

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



32.7572, 34.8450, 36.8976



32.9827, 34.8450, 39.3854



33.6215, 34.8450, 37.5668

Complementary

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



32.7572, 34.8450, 36.8976



32.7015, 34.0239, 38.1031

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.



33.6199, 34.8450, 38.3329



32.7572, 34.8450, 36.8976



33.2502, 34.8450, 39.3899

Square

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



32.7572, 34.8450, 36.8976



32.7530, 34.8450, 38.9902



33.4837, 34.8450, 39.0024



33.4879, 34.8450, 36.9094

Rectangle

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



32.7572, 34.8450, 36.8976



32.6068, 34.8450, 38.0609



33.4837, 34.8450, 39.0024



33.6368, 34.8450, 37.8199

Sweetspot

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



32.7582, 34.8465, 36.8984



60.0183, 63.5227, 68.1351



32.9825, 34.7056, 36.8593



13.1713, 13.9354, 14.9607



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.7582, 34.8465, 36.8984



59.3746, 63.2202, 66.7791



32.6051, 34.7626, 37.1147



7.2973, 7.7612, 8.2218



10.9911, 20.2028, 3.3202



0.2389, 0.3831, 0.0613

Inverse Universe

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



32.7015, 34.0239, 38.1031



59.2628, 61.5993, 69.1529



32.8569, 34.1090, 37.8823



7.2849, 7.5808, 8.4860



9.6863, 4.4225, 26.2503



0.2161, 0.1012, 0.4714

Previews

White Background



This preview shows how the XYZ color 32.7572, 34.8450, 36.8976 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 32.7572, 34.8450, 36.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

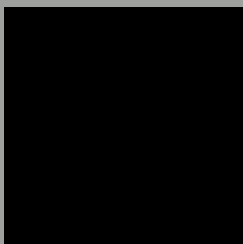
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

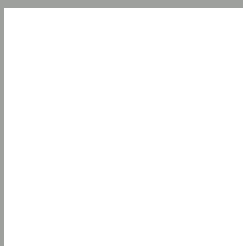
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7572, 34.8450, 36.8976

Background



This preview shows how black text looks on a background with the XYZ color 32.7572, 34.8450, 36.8976.

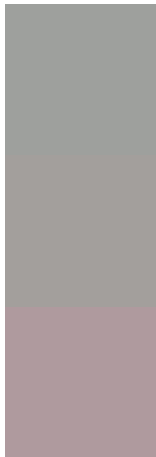


This preview shows how white text looks on a background with the XYZ color 32.7572, 34.8450,

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

32.7572, 34.8450, 36.8976

Protanopia

33.5031, 34.9831, 36.4391

Deuteranopia

35.4064, 34.6938, 37.1782



Tritanopia

33.9798, 34.8296, 42.9621

Trichromacy



Original Color

32.7572, 34.8450, 36.8976

Protanomaly

33.0968, 34.7736, 36.4201

Deuteranomaly

34.4222, 34.6806, 37.2275

Tritanomaly

33.4877, 34.8838, 40.5656

Monochromacy



Original Color

32.7572, 34.8450, 36.8976

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8678, 34.6358, 37.3008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7572, 34.8450, 36.8976 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, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(158, 160, 157)  
}
```

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, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 160, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.7572, 34.8450, 36.8976 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, 160, 157) }
```


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

```
.border{ border-color:rgb(158, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 160, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 160, 157);  
box-shadow:4px 4px 4px 4px rgb(158, 160,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7572, 34.8450, 36.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 160, 157) }
```

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

```
.background{ background-color: rgb(158,  
160, 157) }
```

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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