

Converting Colors

XYZ(32.5689, 34.6752, 34.6124)

Have a look what the booklet for
XYZ(32.5689, 34.6752, 34.6124)
contains.

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Color

**XYZ(32.7355, 34.8822,
34.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A098
RGB	160, 160, 152
RGB Percent	63%, 63%, 60%
CMY	0.3725, 0.3725, 0.4039
CMYK	0.00, 0.00, 0.05, 0.37
HSL	60°, 4%, 61%
HSV	60°, 5%, 63%
XYZ	32.7355, 34.8822, 34.7134
YIQ	159.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

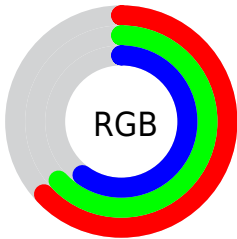
Format	Color
RYB	152, 160, 152
Decimal	10526872
CIELab	65.66, -1.49, 4.16
CIElCh	66, 4.417, 109.698
Yxy	34.8822, 0.3199, 0.3409
Android (android.graphics.Color)	4288716952 (0xFFFA0A098)
YUV	159.0880, -3.4944, 0.7998
Hunter-Lab	59.0612, -4.4208, 6.4949

Details

The XYZ color **32.7355, 34.8822, 34.7134** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5237, 31.6709, 37.7639**, and the grayscale version is **33.0104, 34.7295, 37.8204**.

A 20% lighter version of the original color is **63.4653, 67.5042, 68.0771**, and **14.1243, 15.1281, 14.4875** is the 20% darker color. If you saturate the color by 10%, you get **31.5116, 34.3936, 28.2707**, and if you desaturate by 10%, it is **34.1382, 35.4446, 42.0888**.

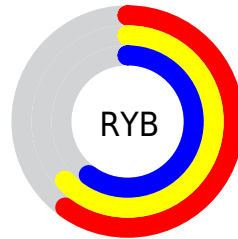
Distribution



Red (63%)

Green (63%)

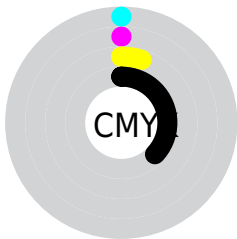
Blue (60%)



Red (60%)

Yellow (63%)

Blue (60%)

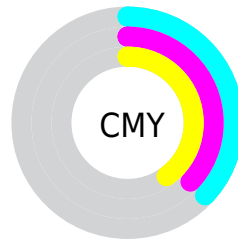


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (37%)



Cyan (37%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7355, 34.8822, 34.7134 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 32.7355, 34.8822, 34.7134 by changing the saturation by 10% instead.

■ 32.7355, 34.8822,
34.7134

■ 32.7355, 34.8822,
34.7134

306.1423,
324.0481, 338.1672

■ 22.0822, 23.5721,
23.1604

■ 63.3198, 67.3032,
68.1881

■ 14.0342, 15.0165,
14.5056

■ 83.9815, 89.1830,
90.9468

■ 8.2263, 8.8310,
8.3304

108.7100,
115.3548, 118.2779

■ 4.2931, 4.6311,
4.2163

137.8707,
146.2030, 150.5999

■ 1.8693, 2.0325,
1.7447

171.8289,
182.1121, 188.3312

■ 0.5589, 0.6262,
0.3911

210.9500,

■ 0.0000, 0.0000,

223.4663, 231.8906

0.0000

255.5993,
270.6502, 281.6964

■ 32.7355, 34.8822,
34.7134

■ 32.7355, 34.8822,
34.7134

■ 31.5116, 34.3936,
28.2707

■ 34.1382, 35.4446,
42.0888

■ 30.4565, 33.9714,
22.7214

■ 35.7234, 36.0788,
50.4296

■ 29.5637, 33.6141,
18.0267

■ 37.4984, 36.7889,
59.7697

■ 28.8251, 33.3186,
14.1443

■ 39.4691, 37.5774,
70.1406

■ 28.2321, 33.0812,
11.0281

■ 41.6413, 38.4464,
81.5726

■ 27.7749, 32.8982,
8.6273

■ 44.0205, 39.3982,
94.0944

■ 27.4428, 32.7652,
6.8853

■ 45.1279, 39.8413,
99.9194

■ 27.2234, 32.6773,
5.7366

■ 45.1292, 39.8420,
99.9195

■ 27.1010, 32.6282,
5.0992

■ 45.1305, 39.8427,
99.9195

Harmonies

Analogous

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



33.3782, 34.8822, 34.5708



32.7355, 34.8822, 34.7134



32.2116, 34.8822, 35.7150

Triad

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



32.7355, 34.8822, 34.7134



32.3536, 34.8822, 40.7731



34.3979, 34.8822, 38.6237

Complementary

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



32.7355, 34.8822, 34.7134



30.5237, 31.6709, 37.7639

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.



34.1156, 34.8822, 40.3404



32.7355, 34.8822, 34.7134



32.9318, 34.8822, 41.6079

Square

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



32.7355, 34.8822, 34.7134



31.9931, 34.8822, 39.1986



33.5770, 34.8822, 41.4470



34.3437, 34.8822, 36.7885

Rectangle

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



32.7355, 34.8822, 34.7134



31.9975, 34.8822, 36.7538



33.5770, 34.8822, 41.4470



34.3391, 34.8822, 39.2347

Sweetspot

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



32.7365, 34.8837, 34.7142



60.1569, 63.6235, 66.8157



31.3941, 32.1979, 34.2665



13.1998, 13.9562, 14.6882



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.



32.7365, 34.8837, 34.7142



59.1734, 63.2300, 61.6416



31.9499, 34.4782, 34.6773



7.2478, 7.7514, 7.5077



21.0756, 25.4016, 3.7922



0.3769, 0.4542, 0.0678

Inverse Universe

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



30.5237, 31.6709, 37.7639



54.2968, 56.1495, 68.3627



31.2848, 32.0633, 37.7995



6.6169, 6.8353, 8.3773



4.9435, 1.9775, 26.0284



0.0885, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 32.7355, 34.8822, 34.7134 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 32.7355, 34.8822, 34.7134 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

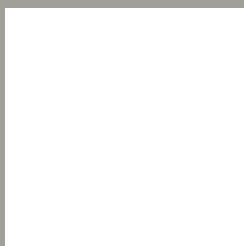
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7355, 34.8822, 34.7134

Background



This preview shows how black text looks on a background with the XYZ color 32.7355, 34.8822, 34.7134.



This preview shows how white text looks on a background with the XYZ color 32.7355, 34.8822,

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

32.7355, 34.8822, 34.7134

Protanopia

33.2939, 34.9232, 34.2642

Deuteranopia

35.4368, 34.7582, 34.9783



Tritanopia

34.4169, 34.8028, 42.9338

Trichromacy



Original Color

32.7355, 34.8822, 34.7134

Protanomaly

33.0883, 34.8172, 34.2546

Deuteranomaly

34.4328, 34.7348, 35.0267

Tritanomaly

33.7380, 34.7794, 39.5853

Monochromacy



Original Color

32.7355, 34.8822, 34.7134

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6970, 34.5675, 36.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7355, 34.8822, 34.7134 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(160, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 152)  
}
```

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(160, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.7355, 34.8822, 34.7134 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(160, 160, 152) }
```


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

```
.border{ border-color:rgb(160, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(160, 160,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7355, 34.8822, 34.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 152) }
```

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

```
.background{ background-color: rgb(160,  
160, 152) }
```

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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