

Converting Colors

XYZ(32.7995, 35.8734, 37.5022)

Have a look what the booklet for
XYZ(32.7995, 35.8734, 37.5022)
contains.

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Color

**XYZ(32.7734, 35.8896,
37.5478)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA49E
RGB	154, 164, 158
RGB Percent	60%, 64%, 62%
CMY	0.3961, 0.3568, 0.3804
CMYK	0.06, 0.00, 0.04, 0.36
HSL	144°, 5%, 62%
HSV	144°, 6%, 64%
XYZ	32.7734, 35.8896, 37.5478
YIQ	160.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

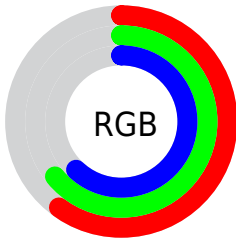
Format	Color
RYB	154, 161, 164
Decimal	10134686
CIELab	66.44, -4.71, 1.88
CIELCh	66, 5.071, 158.245
Yxy	35.8896, 0.3086, 0.3379
Android (android.graphics.Color)	4288324766 (0xFF9AA49E)
YUV	160.3260, -1.1467, -5.5479
Hunter-Lab	59.9079, -7.1882, 4.7750

Details

The XYZ color **32.7734, 35.8896, 37.5478** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2119, 33.5426, 37.9832**, and the grayscale version is **33.5713, 35.3197, 38.4631**.

A 20% lighter version of the original color is **63.3542, 68.8770, 72.9063**, and **14.0415, 15.5334, 16.1681** is the 20% darker color. If you saturate the color by 10%, you get **29.0493, 34.0648, 33.1274**, and if you desaturate by 10%, it is **36.9939, 37.9645, 42.3472**.

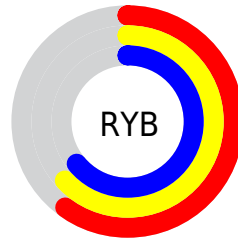
Distribution



Red (60%)

Green (64%)

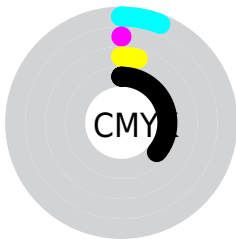
Blue (62%)



Red (60%)

Yellow (63%)

Blue (64%)

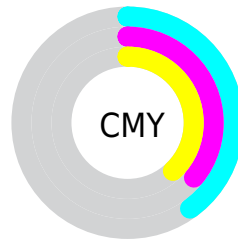


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7734, 35.8896, 37.5478 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 32.7734, 35.8896, 37.5478 by changing the saturation by 10% instead.

■ 32.7734, 35.8896,
37.5478

■ 32.7734, 35.8896,
37.5478

306.3105,
328.4778, 350.9160

■ 22.1113, 24.3489,
25.3328

■ 63.3786, 68.8616,
72.6102

■ 14.0558, 15.5927,
16.1039

■ 84.0525, 91.0618,
96.2947

■ 8.2414, 9.2364,
9.4426

108.7943,
117.5839, 124.6395

■ 4.3029, 4.8957,
4.9302

137.9695,
148.8124, 158.0630

■ 1.8749, 2.1862,
2.1484

171.9433,
185.1316, 196.9839

■ 0.5622, 0.7124,
0.6443

211.0812,

■ 0.0000, 0.0000,

226.9260, 241.8207

0.0000

255.7485,
274.5799, 292.9919

■ 32.7734, 35.8896,
37.5478

■ 32.7734, 35.8896,
37.5478

■ 29.0493, 34.0648,
33.1274

■ 36.9939, 37.9645,
42.3472

■ 25.7999, 32.4760,
29.0743

■ 41.7254, 40.2938,
47.5319

■ 23.0061, 31.1146,
25.3800

■ 46.9859, 42.8877,
53.1112

■ 20.6464, 29.9698,
22.0345

■ 52.7914, 45.7541,
59.0935

■ 18.6978, 29.0297,
19.0275

■ 59.1573, 48.9009,
65.4866

■ 17.1345, 28.2815,
16.3480

■ 66.0982, 52.3356,
72.2984

■ 15.9282, 27.7107,
13.9846

■ 68.3665, 53.3525,
79.2900

■ 15.0460, 27.3006,
11.9250

■ 69.7634, 53.9113,
86.6462

■ 14.4437, 27.0286,
10.1557

■ 71.2393, 54.5016,
94.4180

Harmonies

Analogous

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



33.2159, 35.8896, 35.8838



32.7734, 35.8896, 37.5478



32.6869, 35.8896, 39.6806

Triad

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



32.7734, 35.8896, 37.5478



34.3219, 35.8896, 43.3651



35.2719, 35.8896, 36.5452

Complementary

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



32.7734, 35.8896, 37.5478



33.2119, 33.5426, 37.9832

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.



35.5779, 35.8896, 38.4809



32.7734, 35.8896, 37.5478



35.0241, 35.8896, 42.4556

Square

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



32.7734, 35.8896, 37.5478



33.5735, 35.8896, 43.0927



35.4865, 35.8896, 40.6485



34.6562, 35.8896, 35.3201

Rectangle

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



32.7734, 35.8896, 37.5478



32.8415, 35.8896, 41.0908



35.4865, 35.8896, 40.6485



35.4148, 35.8896, 37.1314

Sweetspot

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



32.7744, 35.8911, 37.5486



62.4886, 66.6185, 71.6076



33.6401, 36.3765, 35.8205



13.6808, 14.5737, 15.6771



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.7744, 35.8911, 37.5486



58.7490, 64.7823, 67.2936



33.1990, 36.0610, 39.7845



7.2583, 8.0187, 8.3134



10.9459, 20.6647, 7.4318



0.2530, 0.4434, 0.2772

Inverse Universe

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



33.2119, 33.5426, 37.9832



59.6711, 59.8321, 68.2097



32.7969, 33.3766, 35.7980



7.3768, 7.3822, 8.4312



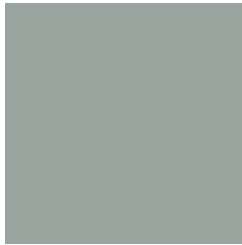
13.4682, 6.7433, 9.6562



0.3054, 0.1507, 0.3209

Previews

White Background



This preview shows how the XYZ color 32.7734, 35.8896, 37.5478 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 32.7734, 35.8896, 37.5478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

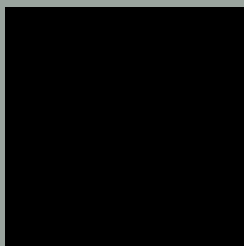
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

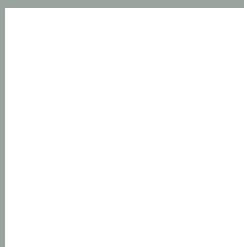
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7734, 35.8896, 37.5478

Background



This preview shows how black text looks on a background with the XYZ color 32.7734, 35.8896, 37.5478.



This preview shows how white text looks on a background with the XYZ color 32.7734, 35.8896,

37.5478.

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

32.7734, 35.8896, 37.5478

Protanopia

34.2627, 35.8894, 36.5740

Deuteranopia

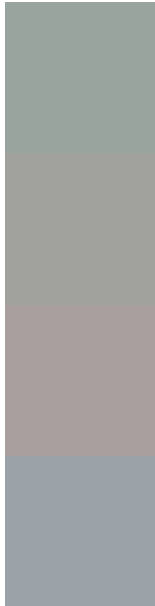
36.5937, 35.7800, 38.2352



Tritanopia

34.4649, 36.0648, 45.1891

Trichromacy



Original Color

32.7734, 35.8896, 37.5478

Protanomaly

33.7041, 35.8520, 37.0420

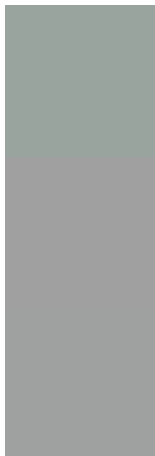
Deuteranomaly

35.0183, 35.7345, 37.8527

Tritanomaly

33.8754, 36.0895, 42.2263

Monochromacy



Original Color

32.7734, 35.8896, 37.5478

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1034, 35.2620, 37.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7734, 35.8896, 37.5478 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(154, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 158)  
}
```

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(154, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.7734, 35.8896, 37.5478 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(154, 164, 158) }
```


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

```
.border{ border-color:rgb(154, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7734, 35.8896, 37.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 158) }
```

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

```
.background{ background-color: rgb(154,  
164, 158) }
```

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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