

Converting Colors

XYZ(32.2045, 33.4189, 35.7639)

Have a look what the booklet for
XYZ(32.2045, 33.4189, 35.7639)
contains.

| | |
|--|----|
| XYZ(32.1349, 33.2828, 35.7409) | 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(32.1349, 33.2828,
35.7409)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A09B9B |
| RGB | 160, 155, 155 |
| RGB Percent | 63%, 61%, 61% |
| CMY | 0.3725, 0.3921, 0.3922 |
| CMYK | 0.00, 0.03, 0.03, 0.37 |
| HSL | 0°, 3%, 62% |
| HSV | 0°, 3%, 63% |
| XYZ | 32.1349, 33.2828, 35.7409 |
| YIQ | 156.4950, 2.9800, 1.0600 |

Conversions

Conversions Part 2

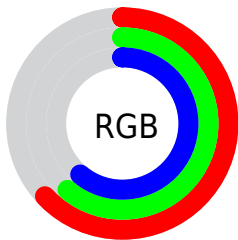
| Format | Color |
|-------------------------------------|--|
| RYB | 160, 155, 155 |
| Decimal | 10525595 |
| CIELab | 64.39, 1.82, 0.64 |
| CIELCh | 64, 1.927, 19.346 |
| Yxy | 33.2828, 0.3177, 0.3290 |
| Android (android.graphics.Color) | 4288715675 (0xFFA09B9B) |
| YUV | 156.4950, -0.7370, 3.0739 |
| Hunter-Lab | 57.6912, -1.5325, 3.6525 |

Details

The XYZ color **32.1349, 33.2828, 35.7409** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4335, 34.6477, 38.2363**, and the grayscale version is **31.8242, 33.4815, 36.4614**.

A 20% lighter version of the original color is **62.3334, 64.6515, 69.5153**, and **13.7557, 14.1513, 15.1032** is the 20% darker color. If you saturate the color by 10%, you get **28.3921, 27.8066, 28.2973**, and if you desaturate by 10%, it is **36.4102, 39.5380, 44.2413**.

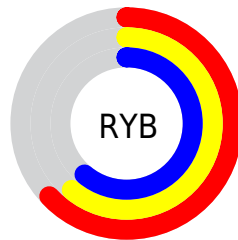
Distribution



Red (63%)

Green (61%)

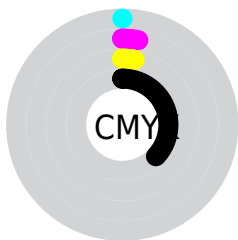
Blue (61%)



Red (63%)

Yellow (61%)

Blue (61%)

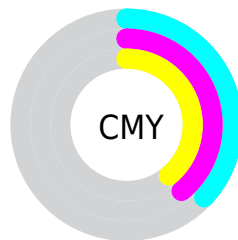


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1349, 33.2828, 35.7409 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 32.1349, 33.2828, 35.7409 by changing the saturation by 10% instead.

■ 32.1349, 33.2828,
35.7409

■ 32.1349, 33.2828,
35.7409

303.4677,
316.9221, 342.8297

■ 21.6206, 22.3432,
23.9460

■ 62.3863, 64.8168,
69.7965

■ 13.6934, 14.1093,
15.0818

■ 82.8541, 86.1800,
92.8943

■ 7.9880, 8.1967,
8.7295

107.3704,
111.7864, 120.5969

■ 4.1390, 4.2211,
4.4708

136.3006,
142.0206, 153.3227

■ 1.7811, 1.7980,
1.8870

170.0101,
177.2669, 191.4904

■ 0.5062, 0.4859,
0.4845

208.8642,

■ 0.0000, 0.0000,

217.9096, 235.5184

0.0000

253.2283,
264.3332, 285.8254

■ 32.1349, 33.2828,
35.7409

■ 32.1349, 33.2828,
35.7409

■ 28.3921, 27.8066,
28.2973

■ 36.4102, 39.5380,
44.2413

■ 25.1582, 23.0749,
21.8672

■ 41.2346, 46.5966,
53.8352

■ 22.4120, 19.0568,
16.4073

■ 46.6278, 54.4870,
64.5603

■ 20.1301, 15.7177,
11.8706

■ 52.6073, 63.2353,
76.4518

■ 18.2866, 13.0202,
8.2061

■ 59.1901, 72.8661,
89.5434

■ 16.8536, 10.9231,
5.3579

■ 66.3924, 83.4033,
103.8673

■ 15.7996, 9.3805,
3.2634

■ 68.3074, 86.2137,
107.6485

■ 15.0888, 8.3400,
1.8515

■ 14.6784, 7.7390,
1.0368

Harmonies

Analogous

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



32.1558, 33.2828, 36.5195



32.1349, 33.2828, 35.7409



31.9794, 33.2828, 35.1046

Triad

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



32.1349, 33.2828, 35.7409



31.2356, 33.2828, 35.2635



31.5368, 33.2828, 37.7452

Complementary

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



32.1349, 33.2828, 35.7409



32.4335, 34.6477, 38.2363

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.



31.2917, 33.2828, 37.3982



32.1349, 33.2828, 35.7409



31.1185, 33.2828, 35.9606

Square

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



32.1349, 33.2828, 35.7409



31.4598, 33.2828, 34.8318



31.1389, 33.2828, 36.7423



31.8095, 33.2828, 37.6843

Rectangle

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



32.1349, 33.2828, 35.7409



31.8208, 33.2828, 34.8433



31.1389, 33.2828, 36.7423



31.4485, 33.2828, 37.6722

Sweetspot

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



32.1358, 33.2842, 35.7416



59.9017, 62.7059, 67.9835



32.5641, 33.4548, 37.9992



13.1472, 13.7668, 14.9295



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.



32.1358, 33.2842, 35.7416



57.6606, 59.4270, 63.5272



32.5558, 34.1241, 35.8816



7.0248, 7.2194, 7.6974



11.2939, 5.8235, 0.5288



0.2020, 0.1043, 0.0095

Inverse Universe

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



32.4335, 34.6477, 38.2363



58.3614, 62.6371, 69.4007



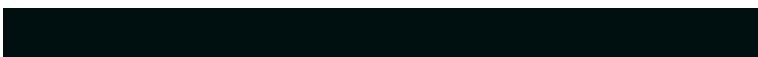
32.0049, 33.7906, 38.0934



7.1218, 7.6639, 8.5106



14.7236, 21.5388, 29.2886



0.2634, 0.3853, 0.5237

Previews

White Background



This preview shows how the XYZ color 32.1349, 33.2828, 35.7409 looks on a white background.

Color Contrast Check

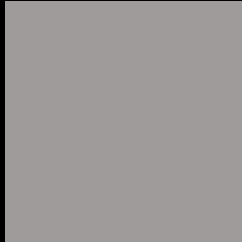
Large Text (above 18pt) WCAG AA × Fail

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 32.1349, 33.2828, 35.7409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

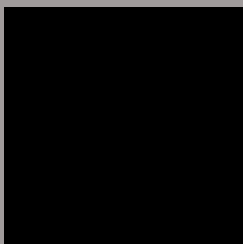
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

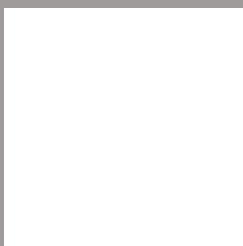
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1349, 33.2828, 35.7409

Background



This preview shows how black text looks on a background with the XYZ color 32.1349, 33.2828, 35.7409.



This preview shows how white text looks on a background with the XYZ color 32.1349, 33.2828,

35.7409.

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

32.1349, 33.2828, 35.7409

Protanopia

31.9358, 33.1802, 35.7316

Deuteranopia

33.8619, 33.1914, 36.0744



Tritanopia

33.0831, 33.1805, 40.2581

Trichromacy



Original Color

32.1349, 33.2828, 35.7409

Protanomaly

31.9358, 33.1802, 35.7316

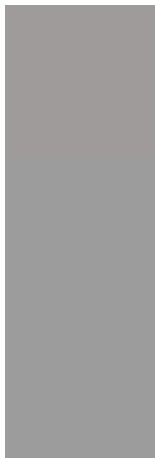
Deuteranomaly

33.1653, 33.0723, 36.0881

Tritanomaly

32.6866, 33.2615, 38.4156

Monochromacy



Original Color

32.1349, 33.2828, 35.7409

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.7938, 33.3453, 36.2131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1349, 33.2828, 35.7409 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, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(160, 155, 155)  
}
```

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, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.1349, 33.2828, 35.7409 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, 155, 155) }
```


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

```
.border{ border-color:rgb(160, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(160, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1349, 33.2828, 35.7409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 155, 155) }
```

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

```
.background{ background-color: rgb(160,  
155, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor