

Converting Colors

XYZ(32.7918, 34.8738, 36.4562)

Have a look what the booklet for
XYZ(32.7918, 34.8738, 36.4562)
contains.

XYZ(32.8696, 34.9128, 36.4589)	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(32.8696, 34.9128,
36.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA09C
RGB	159, 160, 156
RGB Percent	62%, 63%, 61%
CMY	0.3765, 0.3725, 0.3882
CMYK	0.01, 0.00, 0.03, 0.37
HSL	75°, 2%, 62%
HSV	75°, 3%, 63%
XYZ	32.8696, 34.9128, 36.4589
YIQ	159.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

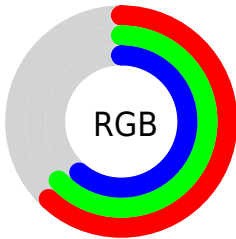
Format	Color
RYB	156, 160, 157
Decimal	10461340
CIELab	65.68, -1.11, 1.95
CIElCh	66, 2.243, 119.771
Yxy	34.9128, 0.3153, 0.3349
Android (android.graphics.Color)	4288651420 (0xFF9FA09C)
YUV	159.2450, -1.5998, -0.2149
Hunter-Lab	59.0871, -4.1044, 4.7768

Details

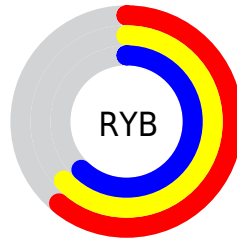
The XYZ color **32.8696, 34.9128, 36.4589** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1396, 33.4840, 38.0286**, and the grayscale version is **33.0744, 34.7969, 37.8938**.

A 20% lighter version of the original color is **63.6649, 67.5502, 70.6558**, and **14.2028, 15.1453, 15.5394** is the 20% darker color. If you saturate the color by 10%, you get **30.8212, 34.0042, 29.7502**, and if you desaturate by 10%, it is **35.1243, 35.9091, 44.1104**.

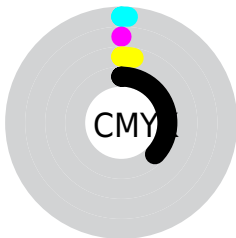
Distribution



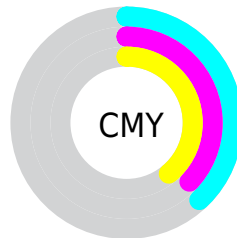
- Red (62%)
- Green (63%)
- Blue (61%)



- Red (61%)
- Yellow (63%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8696, 34.9128, 36.4589 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 32.8696, 34.9128, 36.4589 by changing the saturation by 10% instead.

■ 32.8696, 34.9128,
36.4589

■ 32.8696, 34.9128,
36.4589

306.7371,
324.1833, 346.0598

■ 22.1853, 23.5957,
24.4963

■ 63.5279, 67.3507,
70.9168

■ 14.1105, 15.0340,
15.4866

■ 84.2327, 89.2402,
94.2492

■ 8.2798, 8.8432,
9.0112

109.0083,
115.4227, 122.2086

■ 4.3278, 4.6391,
4.6516

138.2202,
146.2826, 155.2135

■ 1.8892, 2.0371,
1.9892

172.2337,
182.2042, 193.6826

■ 0.5705, 0.6289,
0.5486

211.4141,

■ 0.0000, 0.0000,

223.5719, 238.0343

0.0000

256.1268,
270.7701, 288.6872

■ 32.8696, 34.9128,
36.4589

■ 32.8696, 34.9128,
36.4589

■ 30.8212, 34.0042,
29.7502

■ 35.1243, 35.9091,
44.1104

■ 28.9689, 33.1759,
23.9457

■ 37.5891, 36.9914,
52.7369

■ 27.3062, 32.4263,
19.0071

■ 40.2715, 38.1637,
62.3720

■ 25.8249, 31.7522,
14.8928

■ 43.1775, 39.4286,
73.0468

■ 24.5161, 31.1499,
11.5577

■ 46.3132, 40.7884,
84.7912

■ 23.3703, 30.6157,
8.9525

■ 49.6841, 42.2454,
97.6338

■ 22.3766, 30.1452,
7.0219

■ 51.1305, 42.9357,
100.2003

■ 21.5230, 29.7334,
5.7032

■ 52.1255, 43.4487,
100.2469

■ 20.7948, 29.3746,
4.9216

■ 53.1482, 43.9759,
100.2947

Harmonies

Analogous

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



33.1861, 34.9128, 36.2262



32.8696, 34.9128, 36.4589



32.6385, 34.9128, 37.1068

Triad

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



32.8696, 34.9128, 36.4589



32.8652, 34.9128, 39.6054



33.8219, 34.9128, 38.0214

Complementary

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



32.8696, 34.9128, 36.4589



32.1396, 33.4840, 38.0286

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.



33.7347, 34.9128, 38.9361



32.8696, 34.9128, 36.4589



33.1810, 34.9128, 39.8599

Square

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



32.8696, 34.9128, 36.4589



32.6360, 34.9128, 38.9233



33.4995, 34.9128, 39.6129



33.7372, 34.9128, 37.1192

Rectangle

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



32.8696, 34.9128, 36.4589



32.5632, 34.9128, 37.6924



33.4995, 34.9128, 39.6129



33.8117, 34.9128, 38.3376

Sweetspot

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



32.8706, 34.9143, 36.4597



60.2633, 63.6490, 68.1465



32.5561, 33.9889, 36.2976



13.2219, 13.9615, 14.9631



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.



32.8706, 34.9143, 36.4597



59.4639, 63.2952, 65.4750



32.4773, 34.7116, 36.4413



7.2633, 7.7500, 7.9302



15.8584, 22.7120, 3.5480



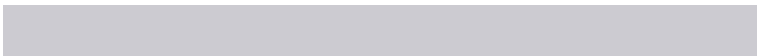
0.3194, 0.4246, 0.0651

Inverse Universe

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



32.1396, 33.4840, 38.0286



57.8474, 60.1324, 68.9444



32.5329, 33.6868, 38.0470



7.0247, 7.2832, 8.4422



5.6626, 2.3482, 26.0620



0.1364, 0.0601, 0.4676

Previews

White Background



This preview shows how the XYZ color 32.8696, 34.9128, 36.4589 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 32.8696, 34.9128, 36.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

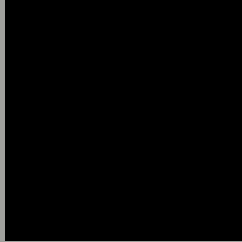
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8696, 34.9128, 36.4589

Background



This preview shows how black text looks on a background with the XYZ color 32.8696, 34.9128, 36.4589.



This preview shows how white text looks on a background with the XYZ color 32.8696, 34.9128,

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

32.8696, 34.9128, 36.4589

Protanopia

33.4188, 34.9494, 35.9949

Deuteranopia

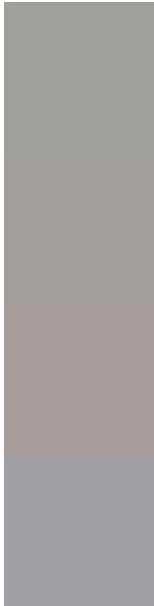
35.5459, 34.7756, 36.7372



Tritanopia

34.1805, 34.9331, 42.9715

Trichromacy



Original Color

32.8696, 34.9128, 36.4589

Protanomaly

33.2148, 34.8442, 35.9853

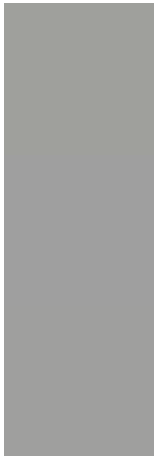
Deuteranomaly

34.5518, 34.7573, 36.7860

Tritanomaly

33.6869, 34.9865, 40.5749

Monochromacy



Original Color

32.8696, 34.9128, 36.4589

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 32.8696, 34.9128, 36.4589 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(159, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 156)  
}
```

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(159, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.8696, 34.9128, 36.4589 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(159, 160, 156) }
```


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

```
.border{ border-color:rgb(159, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8696, 34.9128, 36.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 156) }
```

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

```
.background{ background-color: rgb(159,  
160, 156) }
```

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