

Converting Colors

XYZ(35.8412, 36.7289, 32.8531)

Have a look what the booklet for
XYZ(35.8412, 36.7289, 32.8531)
contains.

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Color

**XYZ(35.9158, 36.8264,
32.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A193
RGB	176, 161, 147
RGB Percent	69%, 63%, 58%
CMY	0.3098, 0.3686, 0.4235
CMYK	0.00, 0.09, 0.16, 0.31
HSL	29°, 16%, 63%
HSV	29°, 16%, 69%
XYZ	35.9158, 36.8264, 32.8190
YIQ	163.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

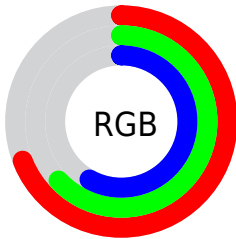
Format	Color
RYB	176, 174, 147
Decimal	11575699
CIELab	67.15, 3.09, 9.26
CIElCh	67, 9.762, 71.541
Yxy	36.8264, 0.3402, 0.3489
Android (android.graphics.Color)	4289765779 (0xFFB0A193)
YUV	163.8890, -8.3263, 10.6213
Hunter-Lab	60.6848, -0.5545, 10.4146

Details

The XYZ color **35.9158, 36.8264, 32.8190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7892, 35.1775, 46.1363**, and the grayscale version is **35.2685, 37.1052, 40.4075**.

A 20% lighter version of the original color is **68.3772, 70.4846, 65.2594**, and **15.8556, 16.2073, 13.3590** is the 20% darker color. If you saturate the color by 10%, you get **33.1063, 33.2508, 25.5821**, and if you desaturate by 10%, it is **39.0545, 40.7214, 41.2090**.

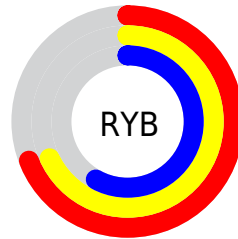
Distribution



Red (69%)

Green (63%)

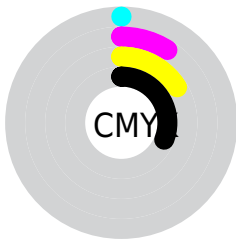
Blue (58%)



Red (69%)

Yellow (68%)

Blue (58%)

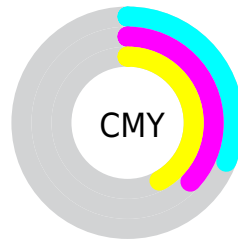


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9158, 36.8264, 32.8190 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 35.9158, 36.8264, 32.8190 by changing the saturation by 10% instead.

■ 35.9158, 36.8264,
32.8190

■ 35.9158, 36.8264,
32.8190

320.0300,
332.5583, 329.4403

■ 24.5390, 25.0731,
21.7178

■ 68.2268, 70.3057,
65.2056

■ 15.8608, 16.1315,
13.4534

■ 89.8917, 92.8005,
87.3281

■ 9.5159, 9.6173,
7.6071

115.7167,
119.6446, 113.9615

■ 5.1390, 5.1459,
3.7604

146.0671,
151.2224, 145.5243

■ 2.3646, 2.3331,
1.4949

181.3082,
187.9183, 182.4350

■ 0.8274, 0.7912,
0.2141

221.8056,

■ 0.0000, 0.0000,

230.1166, 225.1122

0.0000

267.9244,
278.2018, 273.9745

■ 35.9158, 36.8264,
32.8190

■ 35.9158, 36.8264,
32.8190

■ 33.1063, 33.2508,
25.5821

■ 39.0545, 40.7214,
41.2090

■ 30.6109, 29.9810,
19.4448

■ 42.5306, 44.9392,
50.7977

■ 28.4177, 27.0094,
14.3526

■ 46.3559, 49.4894,
61.6312

■ 26.5130, 24.3262,
10.2456

■ 50.5407, 54.3797,
73.7523

■ 24.8817, 21.9212,
7.0576

■ 55.0948, 59.6176,
87.2019

■ 23.5068, 19.7830,
4.7142

■ 60.0276, 65.2101,
102.0191

■ 22.3694, 17.8992,
3.1292

■ 62.8026, 70.1461,
104.8372

■ 21.4442, 16.2550,
2.1854

■ 65.3249, 75.1908,
105.6780

■ 21.1521, 15.7251,
1.9204

■ 67.9803, 80.5016,
106.5632

Harmonies

Analogous

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



37.1871, 36.8264, 34.9073



35.9158, 36.8264, 32.8190



34.4333, 36.8264, 32.5957

Triad

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



35.9158, 36.8264, 32.8190



32.2742, 36.8264, 41.7589



36.9336, 36.8264, 46.5464

Complementary

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



35.9158, 36.8264, 32.8190



32.7892, 35.1775, 46.1363

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.



35.5777, 36.8264, 48.6706



35.9158, 36.8264, 32.8190



32.9050, 36.8264, 45.7787

Square

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



35.9158, 36.8264, 32.8190



32.3589, 36.8264, 37.5597



34.1046, 36.8264, 48.3801



37.7861, 36.8264, 42.7475

Rectangle

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



35.9158, 36.8264, 32.8190



33.5274, 36.8264, 33.5140



34.1046, 36.8264, 48.3801



36.5200, 36.8264, 47.4917

Sweetspot

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



35.9168, 36.8280, 32.8198



71.6702, 74.8820, 77.0231



34.9018, 32.7233, 38.8774



15.4421, 16.1181, 16.4469



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.9168, 36.8280, 32.8198



63.0973, 64.2134, 54.1967



38.5077, 42.0099, 33.6834



8.8237, 9.1599, 8.9555



15.5777, 11.6539, 1.4284



0.5486, 0.4837, 0.0644

Inverse Universe

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



32.7892, 35.1775, 46.1363



56.2786, 60.6147, 83.2289



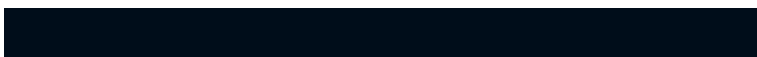
30.4542, 30.5075, 45.3580



8.3933, 8.9327, 10.7881



8.5544, 7.9092, 31.2127



0.3272, 0.3650, 1.0014

Previews

White Background



This preview shows how the XYZ color 35.9158, 36.8264, 32.8190 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 35.9158, 36.8264, 32.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

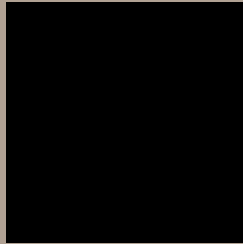
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9158, 36.8264, 32.8190

Background



This preview shows how black text looks on a background with the XYZ color 35.9158, 36.8264, 32.8190.



This preview shows how white text looks on a background with the XYZ color 35.9158, 36.8264,

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

35.9158, 36.8264, 32.8190

Protanopia

35.0201, 36.8786, 33.2895

Deuteranopia

37.5797, 36.9061, 33.1599



Tritanopia

38.0730, 36.9397, 43.1536

Trichromacy



Original Color

35.9158, 36.8264, 32.8190

Protanomaly

35.2789, 36.7494, 33.2509

Deuteranomaly

37.0348, 36.8795, 33.1835

Tritanomaly

37.2798, 36.8699, 39.3342

Monochromacy



Original Color

35.9158, 36.8264, 32.8190

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4172, 36.9878, 37.6204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9158, 36.8264, 32.8190 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(176, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 147)  
}
```

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(176, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 147) }
```

Border

The CSS property to change the border of an element to XYZ 35.9158, 36.8264, 32.8190 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(176, 161, 147) }
```


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

```
.border{ border-color:rgb(176, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9158, 36.8264, 32.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 147) }
```

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

```
.background{ background-color: rgb(176,  
161, 147) }
```

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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