

Converting Colors

XYZ(35.1668, 36.4493, 32.3761)

Have a look what the booklet for
XYZ(35.1668, 36.4493, 32.3761)
contains.

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Color

**XYZ(35.1668, 36.4493,
32.3761)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA192
RGB	173, 161, 146
RGB Percent	68%, 63%, 57%
CMY	0.3216, 0.3686, 0.4274
CMYK	0.00, 0.07, 0.16, 0.32
HSL	33°, 14%, 63%
HSV	33°, 16%, 68%
XYZ	35.1668, 36.4493, 32.3761
YIQ	162.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

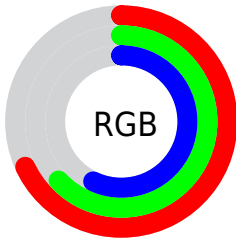
Format	Color
RYB	168, 173, 146
Decimal	11379090
CIELab	66.86, 1.79, 9.37
CIElCh	67, 9.543, 79.203
Yxy	36.4493, 0.3382, 0.3505
Android (android.graphics.Color)	4289569170 (0xFFADA192)
YUV	162.8780, -8.3209, 8.8770
Hunter-Lab	60.3733, -1.6788, 10.4661

Details

The XYZ color **35.1668, 36.4493, 32.3761** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6237, 33.5813, 44.3507**, and the grayscale version is **34.7901, 36.6019, 39.8594**.

A 20% lighter version of the original color is **67.2943, 69.9399, 64.5965**, and **15.4330, 15.9895, 13.3392** is the 20% darker color. If you saturate the color by 10%, you get **32.6196, 33.3479, 25.3825**, and if you desaturate by 10%, it is **38.0022, 39.8006, 40.4715**.

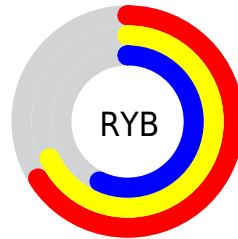
Distribution



Red (68%)

Green (63%)

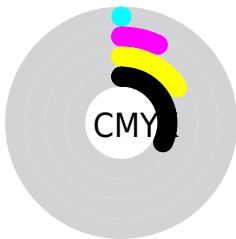
Blue (57%)



Red (66%)

Yellow (68%)

Blue (57%)

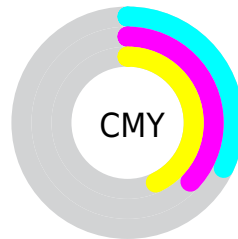


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (37%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1668, 36.4493, 32.3761 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 35.1668, 36.4493, 32.3761 by changing the saturation by 10% instead.


 35.1668, 36.4493,
32.3761


 35.1668, 36.4493,
32.3761


316.7991,
330.9201, 327.3743

 23.9585, 24.7814,
21.3817

 67.0764, 69.7250,
64.5050

 15.4274, 15.9143,
13.2094


 88.5084, 92.1016,
86.4766

 9.2082, 9.4635,
7.4405


114.0791,
118.8165, 112.9443

 4.9354, 5.0447,
3.6565

144.1537,
150.2541, 144.3268

 2.2438, 2.2735,
1.4388

179.0977,
186.7989, 181.0424

 0.7657, 0.7596,
0.1717

219.2763,

 0.0000, 0.0000,

228.8353, 223.5099

0.0000

265.0550,
276.7475, 272.1477

■ 35.1668, 36.4493,
32.3761

■ 35.1668, 36.4493,
32.3761

■ 32.6196, 33.3479,
25.3825

■ 38.0022, 39.8006,
40.4715

■ 30.3472, 30.4849,
19.4397

■ 41.1330, 43.4033,
49.7117

■ 28.3391, 27.8551,
14.4964

■ 44.5694, 47.2650,
60.1406

■ 26.5831, 25.4510,
10.4959

■ 48.3206, 51.3914,
71.7987

■ 25.0660, 23.2647,
7.3755

■ 52.3951, 55.7881,
84.7248

■ 23.7727, 21.2877,
5.0654

■ 56.8013, 60.4605,
98.9560

■ 22.6863, 19.5104,
3.4843

■ 59.5365, 64.6097,
103.9408

■ 21.7856, 17.9215,
2.5292

■ 61.5378, 68.6125,
104.6079

■ 21.4287, 17.2742,
2.2048

■ 63.6324, 72.8016,
105.3061

Harmonies

Analogous

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



36.4903, 36.4493, 33.9656



35.1668, 36.4493, 32.3761



33.7386, 36.4493, 32.6402

Triad

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



35.1668, 36.4493, 32.3761



32.0871, 36.4493, 42.3609



36.7891, 36.4493, 45.1137

Complementary

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



35.1668, 36.4493, 32.3761



31.6237, 33.5813, 44.3507

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.



35.5654, 36.4493, 47.6815



35.1668, 36.4493, 32.3761



32.8610, 36.4493, 46.0175

Square

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



35.1668, 36.4493, 32.3761



31.9871, 36.4493, 38.2158



34.1263, 36.4493, 48.0233



37.4441, 36.4493, 41.1957

Rectangle

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



35.1668, 36.4493, 32.3761



32.9182, 36.4493, 33.8376



34.1263, 36.4493, 48.0233



36.4290, 36.4493, 46.1747

Sweetspot

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



35.1678, 36.4509, 32.3769



68.3375, 71.6042, 73.2899



33.6974, 31.9163, 36.8004



14.7724, 15.4693, 15.6984



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.1678, 36.4509, 32.3769



61.2242, 63.1599, 53.0924



37.0689, 40.6940, 33.0957



8.3604, 8.7255, 8.4569



15.8001, 12.8057, 1.6390



0.4930, 0.4631, 0.0634

Inverse Universe

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



31.6237, 33.5813, 44.3507



53.5633, 56.9573, 78.9765



29.9177, 29.8109, 43.7128



7.8608, 8.3210, 10.1445



7.5395, 6.2129, 29.8463



0.2648, 0.2830, 0.8487

Previews

White Background



This preview shows how the XYZ color 35.1668, 36.4493, 32.3761 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 35.1668, 36.4493, 32.3761 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

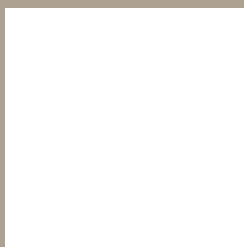
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1668, 36.4493, 32.3761

Background



This preview shows how black text looks on a background with the XYZ color 35.1668, 36.4493, 32.3761.



This preview shows how white text looks on a background with the XYZ color 35.1668, 36.4493,

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

35.1668, 36.4493, 32.3761

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

37.0906, 36.4109, 32.6769



Tritanopia

37.3871, 36.5861, 43.1215

Trichromacy



Original Color

35.1668, 36.4493, 32.3761

Protanomaly

34.7644, 36.4933, 32.8154

Deuteranomaly

36.3157, 36.2636, 32.6893

Tritanomaly

36.5104, 36.4834, 38.8359

Monochromacy



Original Color

35.1668, 36.4493, 32.3761

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9425, 36.4905, 37.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1668, 36.4493, 32.3761 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(173, 161, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 146)  
}
```

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(173, 161, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 146) }
```

Border

The CSS property to change the border of an element to XYZ 35.1668, 36.4493, 32.3761 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(173, 161, 146) }
```


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

```
.border{ border-color:rgb(173, 161, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 161, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 161, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 161,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1668, 36.4493, 32.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 146) }
```

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

```
.background{ background-color: rgb(173,  
161, 146) }
```

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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