

Converting Colors

XYZ(35.6451, 34.8586, 40.1093)

Have a look what the booklet for
XYZ(35.6451, 34.8586, 40.1093)
contains.

XYZ(35.4900, 34.6758, 39.9445)	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(35.4900, 34.6758,
39.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9AA4
RGB	173, 154, 164
RGB Percent	68%, 60%, 64%
CMY	0.3216, 0.3961, 0.3569
CMYK	0.00, 0.11, 0.05, 0.32
HSL	328°, 10%, 64%
HSV	328°, 11%, 68%
XYZ	35.4900, 34.6758, 39.9445
YIQ	160.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

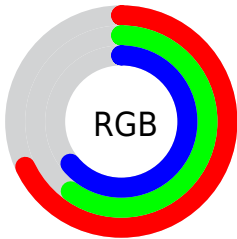
Format	Color
R_{YB}	173, 154, 164
Decimal	11377316
CIE Lab	65.50, 8.77, -2.66
CIE LCh	65, 9.169, 343.110
Yxy	34.6758, 0.3223, 0.3149
Android (android.graphics.Color)	4289567396 (0xFFAD9AA4)
YUV	160.8210, 1.5672, 10.6810
Hunter-Lab	58.8862, 4.5291, 1.0019

Details

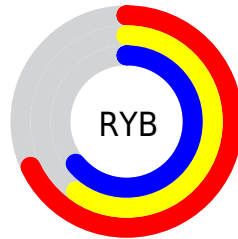
The XYZ color **35.4900, 34.6758, 39.9445** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8822, 39.4024, 40.4192**, and the grayscale version is **33.7843, 35.5438, 38.7071**.

A 20% lighter version of the original color is **67.3370, 66.7202, 76.3471**, and **15.6600, 14.9353, 17.3867** is the 20% darker color. If you saturate the color by 10%, you get **32.1217, 29.0854, 35.2870**, and if you desaturate by 10%, it is **39.3196, 41.1114, 44.9920**.

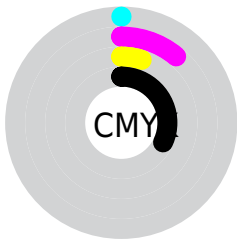
Distribution



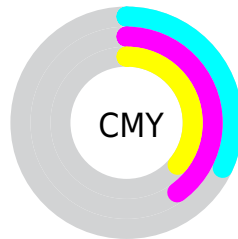
- Red (68%)
- Green (60%)
- Blue (64%)



- Red (68%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4900, 34.6758, 39.9445 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 35.4900, 34.6758, 39.9445 by changing the saturation by 10% instead.

■ 35.4900, 34.6758,
39.9445

■ 35.4900, 34.6758,
39.9445

318.1962,
323.1350, 361.4347

■ 24.2089, 23.4132,
27.1818

■ 67.5732, 66.9832,
76.3152

■ 15.6142, 14.8989,
17.4762

■ 89.1060, 88.7969,
100.7602

■ 9.3407, 8.7485,
10.4090

114.7866,
114.8964, 129.9365

■ 5.0229, 4.5775,
5.5619

144.9806,
145.6661, 164.2625

■ 2.2956, 2.0016,
2.5161

180.0531,
181.4904, 204.1568

■ 0.7924, 0.6084,
0.8487

220.3697,

■ 0.0000, 0.0000,

222.7537, 250.0379

0.0000

266.2956,
269.8405, 302.3243

■ 35.4900, 34.6758,
39.9445

■ 35.4900, 34.6758,
39.9445

■ 32.1217, 29.0854,
35.2870

■ 39.3196, 41.1114,
44.9920

■ 29.1932, 24.3001,
31.0066

■ 43.6247, 48.4209,
50.4372

■ 26.6858, 20.2837,
27.0932

■ 48.4229, 56.6373,
56.2906

■ 24.5783, 16.9951,
23.5347

■ 53.7296, 65.7905,
62.5615

■ 22.8474, 14.3894,
20.3189

■ 59.5598, 75.9090,
69.2586

■ 21.4675, 12.4168,
17.4320

■ 65.0265, 85.2174,
76.0904

■ 20.4093, 11.0204,
14.8591

■ 66.0948, 85.6447,
81.7154

■ 19.6383, 10.1333,
12.5834

■ 67.2163, 86.0934,
87.6215

■ 19.1238, 9.6403,
10.7594

■ 68.3920, 86.5636,
93.8125

Harmonies

Analogous

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



34.7537, 34.6758, 43.4132



35.4900, 34.6758, 39.9445



35.5363, 34.6758, 36.1043

Triad

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



35.4900, 34.6758, 39.9445



32.3764, 34.6758, 31.0052



31.1099, 34.6758, 43.0359

Complementary

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



35.4900, 34.6758, 39.9445



34.8822, 39.4024, 40.4192

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.



30.5081, 34.6758, 39.4574



35.4900, 34.6758, 39.9445



31.2259, 34.6758, 32.6130

Square

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



35.4900, 34.6758, 39.9445



33.7138, 34.6758, 31.1160



30.5500, 34.6758, 35.6490



32.2141, 34.6758, 45.2793

Rectangle

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



35.4900, 34.6758, 39.9445



35.1677, 34.6758, 33.8608



30.5500, 34.6758, 35.6490



30.8435, 34.6758, 41.9391

Sweetspot

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



35.4910, 34.6773, 39.9452



68.9292, 71.1138, 78.6472



34.1767, 33.9025, 44.2781



14.8583, 15.2497, 16.9333



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.



35.4910, 34.6773, 39.9452



62.1360, 59.7258, 69.6053



34.6761, 34.3513, 35.6538



8.1747, 8.0831, 9.2307



14.0782, 7.0938, 8.0574



0.4190, 0.2083, 0.3684

Inverse Universe

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



35.4910, 34.6773, 39.9452



62.1360, 59.7258, 69.6053



35.7527, 39.7506, 45.0033



8.1747, 8.0831, 9.2307



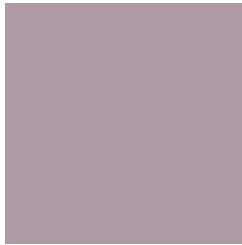
14.0782, 7.0938, 8.0574



0.4190, 0.2083, 0.3684

Previews

White Background



This preview shows how the XYZ color 35.4900, 34.6758, 39.9445 looks on a white background.

Color Contrast Check

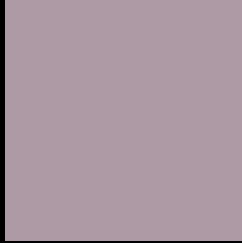
Large Text (above 18pt) WCAG AA × Fail

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 35.4900, 34.6758, 39.9445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

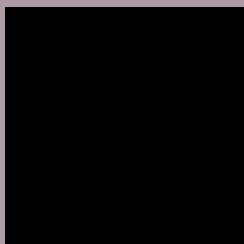
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4900, 34.6758, 39.9445

Background



This preview shows how black text looks on a background with the XYZ color 35.4900, 34.6758, 39.9445.



This preview shows how white text looks on a background with the XYZ color 35.4900, 34.6758,

39.9445.

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

35.4900, 34.6758, 39.9445

Protanopia

33.6991, 34.7173, 41.4842

Deuteranopia

35.2697, 34.5622, 39.9342



Tritanopia

35.6721, 34.7486, 40.9034

Trichromacy



Original Color

35.4900, 34.6758, 39.9445

Protanomaly

34.4570, 34.8664, 40.9902

Deuteranomaly

35.2697, 34.5622, 39.9342

Tritanomaly

35.5807, 34.7121, 40.4221

Monochromacy



Original Color

35.4900, 34.6758, 39.9445

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2655, 35.0617, 39.1440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4900, 34.6758, 39.9445 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, 154, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 154, 164)  
}
```

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, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 154, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.4900, 34.6758, 39.9445 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, 154, 164) }
```


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

```
.border{ border-color:rgb(173, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 154,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4900, 34.6758, 39.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 154, 164) }
```

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

```
.background{ background-color: rgb(173,  
154, 164) }
```

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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