

Converting Colors

XYZ(34.1481, 34.2300, 39.9292)

Have a look what the booklet for
XYZ(34.1481, 34.2300, 39.9292)
contains.

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Color

**XYZ(34.1481, 34.2300,
39.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	A69BA4
RGB	166, 155, 164
RGB Percent	65%, 61%, 64%
CMY	0.3490, 0.3921, 0.3569
CMYK	0.00, 0.07, 0.01, 0.35
HSL	311°, 6%, 63%
HSV	311°, 7%, 65%
XYZ	34.1481, 34.2300, 39.9292
YIQ	159.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

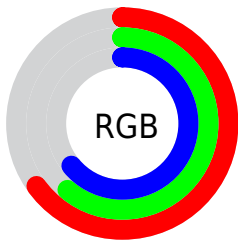
Format	Color
R_{YB}	166, 155, 164
Decimal	10918820
CIE Lab	65.14, 5.69, -3.25
CIE LCh	65, 6.552, 330.258
Yxy	34.2300, 0.3153, 0.3160
Android (android.graphics.Color)	4289108900 (0xFFA69BA4)
YUV	159.3150, 2.3097, 5.8627
Hunter-Lab	58.5064, 1.7979, 0.4905

Details

The XYZ color **34.1481, 34.2300, 39.9292** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2409, 36.6763, 37.2274**, and the grayscale version is **33.0882, 34.8114, 37.9096**.

A 20% lighter version of the original color is **65.4054, 66.0876, 76.3268**, and **14.8144, 14.6479, 17.3758** is the 20% darker color. If you saturate the color by 10%, you get **31.3041, 28.9727, 37.6522**, and if you desaturate by 10%, it is **37.3804, 40.2524, 42.3684**.

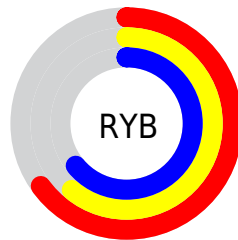
Distribution



Red (65%)

Green (61%)

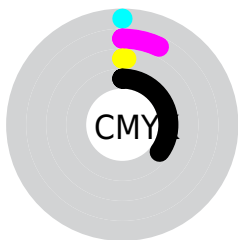
Blue (64%)



Red (65%)

Yellow (61%)

Blue (64%)

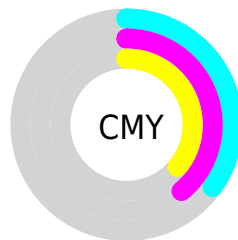


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1481, 34.2300, 39.9292 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 34.1481, 34.2300, 39.9292 by changing the saturation by 10% instead.

■ 34.1481, 34.2300,
39.9292

■ 34.1481, 34.2300,
39.9292

312.3662,
321.1564, 361.3683

■ 23.1708, 23.0703,
27.1700

■ 65.5067, 66.2912,
76.2916

■ 14.8411, 14.6455,
17.4674

■ 86.6187, 87.9615,
100.7319

■ 8.7935, 8.5709,
10.4028

111.8396,
113.9042, 129.9029

■ 4.6628, 4.4624,
5.5577

141.5349,
144.5035, 164.2232

■ 2.0835, 1.9354,
2.5137

176.0699,
180.1441, 204.1114

■ 0.6802, 0.5696,
0.8474

215.8098,

■ 0.0000, 0.0000,

221.2101, 249.9859

0.0000

261.1202,
268.0861, 302.2654

■ 34.1481, 34.2300,
39.9292

■ 34.1481, 34.2300,
39.9292

■ 31.3041, 28.9727,
37.6522

■ 37.3804, 40.2524,
42.3684

■ 28.8299, 24.4453,
35.5297

■ 41.0125, 47.0646,
44.9727

■ 26.7101, 20.6164,
33.5569

■ 45.0592, 54.6956,
47.7475

■ 24.9269, 17.4505,
31.7275

■ 49.5337, 63.1715,
50.6976

■ 23.4609, 14.9092,
30.0350

■ 54.4486, 72.5175,
53.8272

■ 22.2909, 12.9497,
28.4720

■ 59.8158, 82.7574,
57.1405

■ 21.3930, 11.5244,
27.0302

■ 60.2575, 83.1357,
58.8453

■ 20.7393, 10.5777,
25.7002

■ 60.5801, 83.2647,
60.5437

■ 20.2899, 10.0299,
24.4685

■ 60.9094, 83.3964,
62.2781

Harmonies

Analogous

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



33.4646, 34.2300, 41.9791



34.1481, 34.2300, 39.9292



34.3974, 34.2300, 37.2470

Triad

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



34.1481, 34.2300, 39.9292



32.5263, 34.2300, 32.2757



30.9807, 34.2300, 39.9720

Complementary

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



34.1481, 34.2300, 39.9292



33.2409, 36.6763, 37.2274

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.



30.7402, 34.2300, 37.2943



34.1481, 34.2300, 39.9292



31.6219, 34.2300, 32.9281

Square

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



34.1481, 34.2300, 39.9292



33.4501, 34.2300, 32.9064



30.9727, 34.2300, 34.7328



31.6359, 34.2300, 42.0047

Rectangle

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



34.1481, 34.2300, 39.9292



34.2802, 34.2300, 35.4868



30.9727, 34.2300, 34.7328



30.8493, 34.2300, 39.1133

Sweetspot

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



34.1491, 34.2315, 39.9299



64.5781, 66.9640, 74.4614



32.4778, 33.3489, 40.8022



14.4663, 15.0131, 16.6743



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.1491, 34.2315, 39.9299



61.1450, 60.5836, 71.8193



33.6775, 34.0429, 37.4467



7.7825, 7.6429, 9.1718



15.6458, 7.6670, 18.7441



0.3955, 0.1925, 0.5340

Inverse Universe

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



34.1491, 34.2315, 39.9299



61.1450, 60.5836, 71.8193



33.7062, 36.8624, 39.6776



7.7825, 7.6429, 9.1718



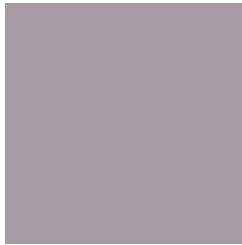
15.6458, 7.6670, 18.7441



0.3955, 0.1925, 0.5340

Previews

White Background



This preview shows how the XYZ color 34.1481, 34.2300, 39.9292 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 34.1481, 34.2300, 39.9292 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

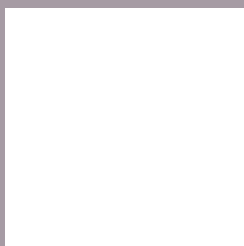
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1481, 34.2300, 39.9292

Background



This preview shows how black text looks on a background with the XYZ color 34.1481, 34.2300, 39.9292.



This preview shows how white text looks on a background with the XYZ color 34.1481, 34.2300,

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

34.1481, 34.2300, 39.9292

Protanopia

33.1466, 34.2015, 40.4518

Deuteranopia

34.8867, 34.1207, 39.8692



Tritanopia

34.4223, 34.3397, 41.3732

Trichromacy



Original Color

34.1481, 34.2300, 39.9292

Protanomaly

33.5803, 34.1749, 40.4239

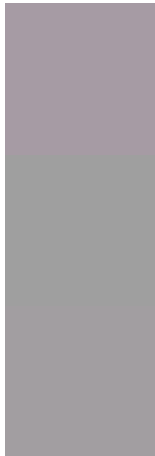
Deuteranomaly

34.6186, 34.2266, 39.9037

Tritanomaly

34.3302, 34.3029, 40.8881

Monochromacy



Original Color

34.1481, 34.2300, 39.9292

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5602, 34.7083, 38.6488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1481, 34.2300, 39.9292 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(166, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 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(166, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.1481, 34.2300, 39.9292 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(166, 155, 164) }
```


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

```
.border{ border-color:rgb(166, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1481, 34.2300, 39.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 164) }
```

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

```
.background{ background-color: rgb(166,  
155, 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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