

Converting Colors

XYZ(33.4795, 34.4105, 35.0372)

Have a look what the booklet for
XYZ(33.4795, 34.4105, 35.0372)
contains.

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Color

**XYZ(33.5326, 34.5208,
35.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	A69D99
RGB	166, 157, 153
RGB Percent	65%, 62%, 60%
CMY	0.3490, 0.3843, 0.4000
CMYK	0.00, 0.05, 0.08, 0.35
HSL	18°, 7%, 63%
HSV	18°, 8%, 65%
XYZ	33.5326, 34.5208, 35.0328
YIQ	159.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

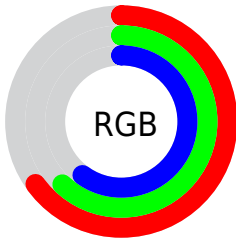
Format	Color
R_{YB}	166, 159, 153
Decimal	10919321
CIE _{Lab}	65.37, 2.55, 3.25
CIE _{LCh}	65, 4.135, 51.879
Yxy	34.5208, 0.3253, 0.3349
Android (android.graphics.Color)	4289109401 (0xFFA69D99)
YUV	159.2350, -3.0739, 5.9329
Hunter-Lab	58.7544, -0.9458, 5.7759

Details

The XYZ color **33.5326, 34.5208, 35.0328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9401, 35.3656, 41.1669**, and the grayscale version is **33.0744, 34.7969, 37.8938**.

A 20% lighter version of the original color is **64.6248, 66.9641, 68.5508**, and **14.4917, 14.8448, 14.6719** is the 20% darker color. If you saturate the color by 10%, you get **30.4029, 30.3047, 27.6893**, and if you desaturate by 10%, it is **37.0378, 39.1818, 43.4435**.

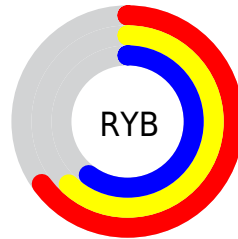
Distribution



Red (65%)

Green (62%)

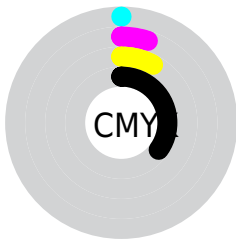
Blue (60%)



Red (65%)

Yellow (62%)

Blue (60%)

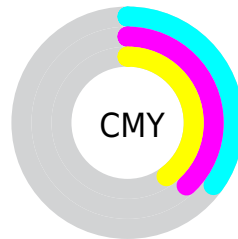


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5326, 34.5208, 35.0328 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 33.5326, 34.5208, 35.0328 by changing the saturation by 10% instead.

■ 33.5326, 34.5208,
35.0328

■ 33.5326, 34.5208,
35.0328

309.6656,
322.4481, 339.6217

■ 22.6959, 23.2940,
23.4044

■ 64.5553, 66.7427,
68.6887

■ 14.4886, 14.8107,
14.6843

■ 85.4720, 88.5066,
91.5533

■ 8.5452, 8.6867,
8.4540

110.4795,
114.5517, 119.0004

■ 4.5005, 4.5374,
4.2949

139.9431,
145.2623, 151.4485

■ 1.9890, 1.9785,
1.7885

174.2282,
181.0229, 189.3161

■ 0.6278, 0.5949,
0.4203

213.7000,

■ 0.0000, 0.0000,

222.2177, 233.0218

0.0000

258.7241,
269.2313, 282.9842

■ 33.5326, 34.5208,
35.0328

■ 33.5326, 34.5208,
35.0328

■ 30.4029, 30.3047,
27.6893

■ 37.0378, 39.1818,
43.4435

■ 27.6329, 26.5159,
21.3677

■ 40.9279, 44.2957,
52.9594

■ 25.2101, 23.1420,
16.0230

■ 45.2153, 49.8763,
63.6199

■ 23.1199, 20.1684,
11.6059

■ 49.9113, 55.9349,
75.4612

■ 21.3467, 17.5796,
8.0626

■ 55.0265, 62.4830,
88.5183

■ 19.8736, 15.3592,
5.3338

■ 60.5711, 69.5313,
102.8245

■ 18.6817, 13.4891,
3.3529

■ 64.1832, 76.1414,
105.9217

■ 17.7499, 11.9498,
2.0422

■ 67.6248, 83.0246,
107.0689

■ 17.0467, 10.7168,
1.2735

■ 69.5361, 86.8471,
107.7060

Harmonies

Analogous

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



33.8997, 34.5208, 36.3623



33.5326, 34.5208, 35.0328



32.9752, 34.5208, 34.3922

Triad

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



33.5326, 34.5208, 35.0328



31.6755, 34.5208, 37.1197



33.2453, 34.5208, 40.7565

Complementary

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



33.5326, 34.5208, 35.0328



32.9401, 35.3656, 41.1669

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.



32.6473, 34.5208, 40.9744



33.5326, 34.5208, 35.0328



31.7458, 34.5208, 38.8394

Square

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



33.5326, 34.5208, 35.0328



31.9065, 34.5208, 35.5727



32.0998, 34.5208, 40.2630



33.7324, 34.5208, 39.6765

Rectangle

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



33.5326, 34.5208, 35.0328



32.5727, 34.5208, 34.4278



32.0998, 34.5208, 40.2630



33.0504, 34.5208, 40.9343

Sweetspot

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



33.5336, 34.5223, 35.0335



64.4604, 67.4545, 72.1848



33.6480, 33.5021, 38.9226



14.4414, 15.1168, 16.1930



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.



33.5336, 34.5223, 35.0335



60.0617, 61.5855, 61.6907



34.6444, 36.7440, 35.4038



7.7125, 7.9051, 7.9086



13.1538, 8.2049, 0.8904



0.3649, 0.2893, 0.0366

Inverse Universe

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



32.9401, 35.3656, 41.1669



58.8119, 63.3609, 74.6054



31.8417, 33.1689, 40.8008



7.5497, 8.1364, 9.5909



10.1241, 11.7084, 29.7018



0.2885, 0.3692, 0.7367

Previews

White Background



This preview shows how the XYZ color 33.5326, 34.5208, 35.0328 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 33.5326, 34.5208, 35.0328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

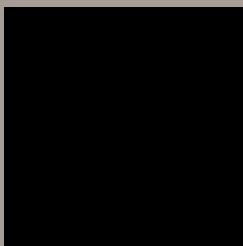
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

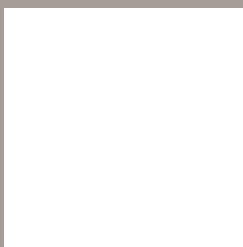
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5326, 34.5208, 35.0328

Background



This preview shows how black text looks on a background with the XYZ color 33.5326, 34.5208, 35.0328.

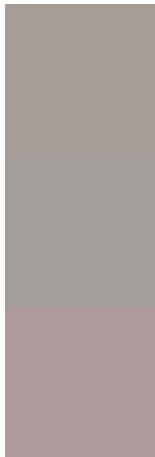


This preview shows how white text looks on a background with the XYZ color 33.5326, 34.5208,

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

33.5326, 34.5208, 35.0328

Protanopia

33.1639, 34.5733, 35.4972

Deuteranopia

35.1285, 34.3457, 35.3498



Tritanopia

34.8448, 34.5575, 41.3930

Trichromacy



Original Color

33.5326, 34.5208, 35.0328

Protanomaly

33.3694, 34.6793, 35.5069

Deuteranomaly

34.4016, 34.2150, 35.3628

Tritanomaly

34.3464, 34.6011, 39.0508

Monochromacy



Original Color

33.5326, 34.5208, 35.0328

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2130, 34.5694, 36.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5326, 34.5208, 35.0328 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, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 153)  
}
```

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, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.5326, 34.5208, 35.0328 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, 157, 153) }
```


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

```
.border{ border-color:rgb(166, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5326, 34.5208, 35.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 153) }
```

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

```
.background{ background-color: rgb(166,  
157, 153) }
```

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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