

Converting Colors

XYZ(32.1312, 33.0904, 35.6764)

Have a look what the booklet for
XYZ(32.1312, 33.0904, 35.6764)
contains.

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Color

**XYZ(32.1699, 33.0548,
35.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	A19A9B
RGB	161, 154, 155
RGB Percent	63%, 60%, 61%
CMY	0.3686, 0.3961, 0.3922
CMYK	0.00, 0.04, 0.04, 0.37
HSL	351°, 4%, 62%
HSV	351°, 4%, 63%
XYZ	32.1699, 33.0548, 35.6950
YIQ	156.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

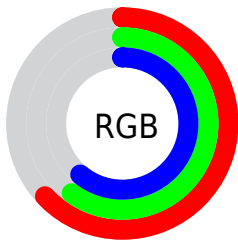
Format	Color
RYB	161, 154, 155
Decimal	10590875
CIELab	64.21, 2.74, 0.38
CIElCh	64, 2.764, 7.907
Yxy	33.0548, 0.3188, 0.3275
Android (android.graphics.Color)	4288780955 (0xFFA19A9B)
YUV	156.2070, -0.5951, 4.2035
Hunter-Lab	57.4933, -0.7351, 3.4348

Details

The XYZ color **32.1699, 33.0548, 35.6950** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4177, 34.8986, 38.2869**, and the grayscale version is **31.6945, 33.3450, 36.3127**.

A 20% lighter version of the original color is **62.3834, 64.3141, 69.4475**, and **13.6556, 13.9512, 15.0698** is the 20% darker color. If you saturate the color by 10%, you get **28.5951, 27.6554, 29.1065**, and if you desaturate by 10%, it is **36.2356, 39.2229, 43.1020**.

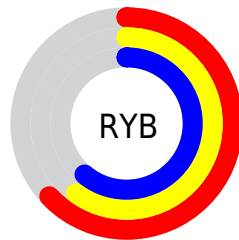
Distribution



Red (63%)

Green (60%)

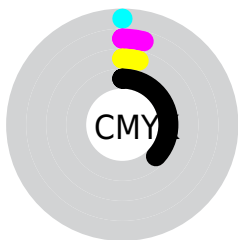
Blue (61%)



Red (63%)

Yellow (60%)

Blue (61%)

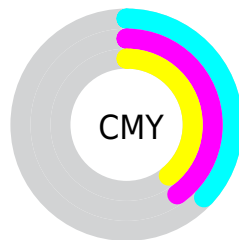


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1699, 33.0548, 35.6950 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 32.1699, 33.0548, 35.6950 by changing the saturation by 10% instead.

■ 32.1699, 33.0548,
35.6950

■ 32.1699, 33.0548,
35.6950

303.6240,
315.8966, 342.6225

■ 21.6475, 22.1684,
23.9109

■ 62.4407, 64.4611,
69.7248

■ 13.7133, 13.9807,
15.0560

■ 82.9199, 85.7498,
92.8076

■ 8.0019, 8.1073,
8.7116

107.4486,
111.2747, 120.4936

■ 4.1480, 4.1637,
4.4593

136.3923,
141.4202, 153.2015

■ 1.7862, 1.7655,
1.8806

170.1164,
176.5708, 191.3498

■ 0.5093, 0.4655,
0.4803

208.9861,

■ 0.0000, 0.0000,

217.1108, 235.3571

0.0000

253.3669,
263.4246, 285.6418

■ 32.1699, 33.0548,
35.6950

■ 32.1699, 33.0548,
35.6950

■ 28.5951, 27.6554,
29.1065

■ 36.2356, 39.2229,
43.1020

■ 25.4898, 22.9906,
23.3063

■ 40.8070, 46.1838,
51.3520

■ 22.8353, 19.0297,
18.2653

■ 45.9015, 53.9657,
60.4714

■ 20.6105, 15.7386,
13.9521

■ 51.5352, 62.5942,
70.4845

■ 18.7925, 13.0801,
10.3326

■ 57.7232, 72.0938,
81.4148

■ 17.3564, 11.0135,
7.3706

■ 64.4802, 82.4879,
93.2849

■ 16.2745, 9.4933,
5.0260

■ 67.9718, 86.1026,
104.8339

■ 15.5152, 8.4672,
3.2546

■ 68.5081, 86.3172,
107.6579

■ 15.0410, 7.8724,
2.0059

Harmonies

Analogous

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



32.1210, 33.0548, 36.8089



32.1699, 33.0548, 35.6950



32.0159, 33.0548, 34.6814

Triad

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



32.1699, 33.0548, 35.6950



30.9569, 33.0548, 34.3150



31.1350, 33.0548, 38.0279

Complementary

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



32.1699, 33.0548, 35.6950



32.4177, 34.8986, 38.2869

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.



30.8268, 33.0548, 37.3333



32.1699, 33.0548, 35.6950



30.7245, 33.0548, 35.1855

Square

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



32.1699, 33.0548, 35.6950



31.3141, 33.0548, 33.8955



30.6771, 33.0548, 36.2887



31.5214, 33.0548, 38.1712

Rectangle

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



32.1699, 33.0548, 35.6950



31.8197, 33.0548, 34.1935



30.6771, 33.0548, 36.2887



31.0189, 33.0548, 37.8505

Sweetspot

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



32.1708, 33.0562, 35.6957



59.9379, 62.7199, 68.1756



32.4768, 33.1543, 38.4063



13.1547, 13.7697, 14.9691



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.1708, 33.0562, 35.6957



57.1057, 58.4300, 62.9946



32.4958, 33.8396, 35.3925



7.4320, 7.5839, 8.1679



11.8716, 6.1047, 1.2483



0.2606, 0.1327, 0.0849

Inverse Universe

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



32.1708, 33.0562, 35.6957



57.1057, 58.4300, 62.9946



32.0815, 34.0861, 38.6070



7.4320, 7.5839, 8.1679



11.8716, 6.1047, 1.2483



0.2606, 0.1327, 0.0849

Previews

White Background



This preview shows how the XYZ color 32.1699, 33.0548, 35.6950 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 32.1699, 33.0548, 35.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

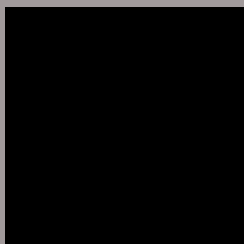
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1699, 33.0548, 35.6950

Background



This preview shows how black text looks on a background with the XYZ color 32.1699, 33.0548, 35.6950.



This preview shows how white text looks on a background with the XYZ color 32.1699, 33.0548,

35.6950.

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

32.1699, 33.0548, 35.6950

Protanopia

31.7383, 33.0783, 35.7223

Deuteranopia

33.6449, 33.0796, 36.0642



Tritanopia

33.0831, 33.1805, 40.2581

Trichromacy



Original Color

32.1699, 33.0548, 35.6950

Protanomaly

31.9358, 33.1802, 35.7316

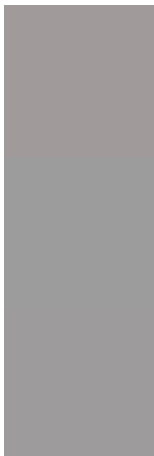
Deuteranomaly

33.1653, 33.0723, 36.0881

Tritanomaly

32.7245, 33.0371, 38.3702

Monochromacy



Original Color

32.1699, 33.0548, 35.6950

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.8226, 33.1121, 36.1665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1699, 33.0548, 35.6950 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(161, 154, 155)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 155)  
}
```

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(161, 154, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.1699, 33.0548, 35.6950 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(161, 154, 155) }
```


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

```
.border{ border-color:rgb(161, 154, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1699, 33.0548, 35.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 155) }
```

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

```
.background{ background-color: rgb(161,  
154, 155) }
```

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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