

Converting Colors

XYZ(33.2462, 32.5039, 36.5312)

Have a look what the booklet for
XYZ(33.2462, 32.5039, 36.5312)
contains.

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Color

**XYZ(33.1954, 32.3642,
36.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	A9959D
RGB	169, 149, 157
RGB Percent	66%, 58%, 62%
CMY	0.3373, 0.4157, 0.3843
CMYK	0.00, 0.12, 0.07, 0.34
HSL	336°, 10%, 62%
HSV	336°, 12%, 66%
XYZ	33.1954, 32.3642, 36.3956
YIQ	155.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

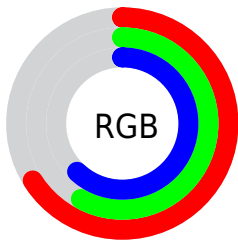
Format	Color
RYB	169, 149, 157
Decimal	11113885
CIELab	63.64, 8.83, -1.49
CIElCh	64, 8.950, 350.443
Yxy	32.3642, 0.3256, 0.3174
Android (android.graphics.Color)	4289303965 (0xFFA9959D)
YUV	155.8920, 0.5462, 11.4957
Hunter-Lab	56.8895, 4.5992, 1.8914

Details

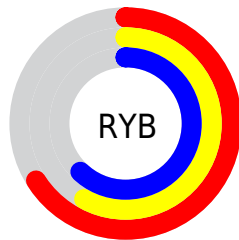
The XYZ color **33.1954, 32.3642, 36.3956** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0166, 37.3395, 39.1870**, and the grayscale version is **31.5472, 33.1901, 36.1441**.

A 20% lighter version of the original color is **63.9801, 63.3126, 71.1358**, and **14.3053, 13.5579, 15.4986** is the 20% darker color. If you saturate the color by 10%, you get **29.8832, 27.0680, 31.1956**, and if you desaturate by 10%, it is **36.9694, 38.4680, 42.1049**.

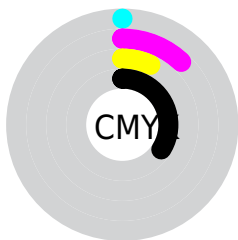
Distribution



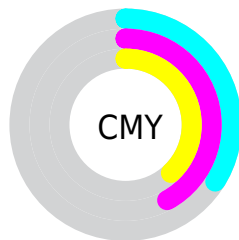
- Red (66%)
- Green (58%)
- Blue (62%)



- Red (66%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (34%)



- Cyan (34%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1954, 32.3642, 36.3956 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 33.1954, 32.3642, 36.3956 by changing the saturation by 10% instead.

■ 33.1954, 32.3642,
36.3956

■ 33.1954, 32.3642,
36.3956

308.1787,
312.7750, 345.7759

■ 22.4361, 21.6398,
24.4478

■ 64.0331, 63.3816,
70.8181

■ 14.2961, 13.5925,
15.4508

■ 84.8423, 84.4434,
94.1299

■ 8.4100, 7.8378,
8.9863

109.7321,
109.7199, 122.0668

■ 4.4124, 3.9913,
4.6355

139.0679,
139.5953, 155.0472

■ 1.9380, 1.6687,
1.9801

173.2152,
174.4541, 193.4898

■ 0.5988, 0.4033,
0.5430

212.5392,

■ 0.0000, 0.0000,

214.6808, 237.8131

0.0000

257.4052,
260.6596, 288.4356

■ 33.1954, 32.3642,
36.3956

■ 33.1954, 32.3642,
36.3956

■ 29.8832, 27.0680,
31.1956

■ 36.9694, 38.4680,
42.1049

■ 27.0115, 22.5412,
26.4882

■ 41.2196, 45.4070,
48.3355

■ 24.5617, 18.7487,
22.2586

■ 45.9635, 53.2129,
55.1015

■ 22.5126, 15.6512,
18.4904

■ 51.2165, 61.9143,
62.4159

■ 20.8411, 13.2057,
15.1663

■ 56.9936, 71.5387,
70.2911

■ 19.5215, 11.3641,
12.2676

■ 63.3090, 82.1121,
78.7393

■ 18.5248, 10.0717,
9.7740

■ 66.1248, 85.5561,
86.4214

■ 17.8167, 9.2639,
7.6627

■ 67.5745, 86.1360,
94.0557

■ 17.3931, 8.8474,
6.1938

■ 69.1083, 86.7495,
102.1323

Harmonies

Analogous

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



32.6538, 32.3642, 39.8122



33.1954, 32.3642, 36.3956



33.0713, 32.3642, 32.8867

Triad

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



33.1954, 32.3642, 36.3956



29.9284, 32.3642, 29.1686



29.2542, 32.3642, 40.8233

Complementary

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



33.1954, 32.3642, 36.3956



33.0166, 37.3395, 39.1870

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.



28.5613, 32.3642, 37.7011



33.1954, 32.3642, 36.3956



28.9432, 32.3642, 31.0304

Square

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



33.1954, 32.3642, 36.3956



31.1624, 32.3642, 28.8714



28.4490, 32.3642, 34.1074



30.3635, 32.3642, 42.4804

Rectangle

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



33.1954, 32.3642, 36.3956



32.6289, 32.3642, 30.9554



28.4490, 32.3642, 34.1074



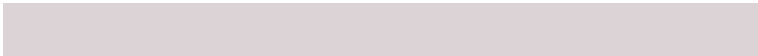
28.9662, 32.3642, 39.9008

Sweetspot

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



33.1963, 32.3656, 36.3963



64.6231, 66.3179, 73.0371



32.6079, 31.9380, 41.9825



13.9744, 14.2751, 15.7529



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.



33.1963, 32.3656, 36.3963



57.9431, 55.5403, 62.8484



32.8547, 32.7396, 33.0232



7.6508, 7.5902, 8.4781



12.9879, 6.6039, 4.7479



0.3414, 0.1708, 0.2493

Inverse Universe

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



33.1963, 32.3656, 36.3963



57.9431, 55.5403, 62.8484



33.3756, 36.8924, 42.8984



7.6508, 7.5902, 8.4781



12.9879, 6.6039, 4.7479



0.3414, 0.1708, 0.2493

Previews

White Background



This preview shows how the XYZ color 33.1954, 32.3642, 36.3956 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 33.1954, 32.3642, 36.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

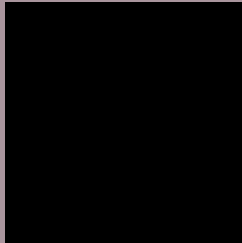
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1954, 32.3642, 36.3956

Background



This preview shows how black text looks on a background with the XYZ color 33.1954, 32.3642, 36.3956.



This preview shows how white text looks on a background with the XYZ color 33.1954, 32.3642,

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

33.1954, 32.3642, 36.3956

Protanopia

31.2540, 32.2891, 37.8429

Deuteranopia

32.9817, 32.2540, 36.3856



Tritanopia

33.4548, 32.4680, 37.7614

Trichromacy



Original Color

33.1954, 32.3642, 36.3956

Protanomaly

31.9834, 32.4333, 37.3754

Deuteranomaly

32.9817, 32.2540, 36.3856

Tritanomaly

33.3676, 32.4331, 37.3024

Monochromacy



Original Color

33.1954, 32.3642, 36.3956

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0899, 32.7598, 36.0844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1954, 32.3642, 36.3956 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(169, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(169, 149, 157)  
}
```

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(169, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 33.1954, 32.3642, 36.3956 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(169, 149, 157) }
```


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

```
.border{ border-color:rgb(169, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(169, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1954, 32.3642, 36.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 149, 157) }
```

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

```
.background{ background-color: rgb(169,  
149, 157) }
```

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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