

Converting Colors

XYZ(33.3363, 32.6741, 36.3153)

Have a look what the booklet for
XYZ(33.3363, 32.6741, 36.3153)
contains.

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Color

**XYZ(33.3543, 32.6820,
36.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	A9969D
RGB	169, 150, 157
RGB Percent	66%, 59%, 62%
CMY	0.3373, 0.4117, 0.3843
CMYK	0.00, 0.11, 0.07, 0.34
HSL	338°, 10%, 63%
HSV	338°, 11%, 66%
XYZ	33.3543, 32.6820, 36.4486
YIQ	156.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

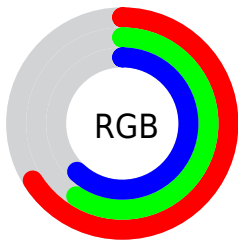
Format	Color
RYB	169, 150, 157
Decimal	11114141
CIELab	63.90, 8.27, -1.11
CIELCh	64, 8.341, 352.384
Yxy	32.6820, 0.3255, 0.3189
Android (android.graphics.Color)	4289304221 (0xFFA9969D)
YUV	156.4790, 0.2569, 10.9809
Hunter-Lab	57.1682, 4.1001, 2.2163

Details

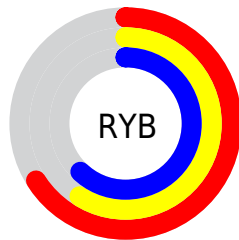
The XYZ color **33.3543, 32.6820, 36.4486** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2884, 37.4694, 39.6620**, and the grayscale version is **31.8108, 33.4674, 36.4460**.

A 20% lighter version of the original color is **64.2170, 63.7865, 71.2148**, and **14.3995, 13.7462, 15.5300** is the 20% darker color. If you saturate the color by 10%, you get **29.9778, 27.3241, 31.0213**, and if you desaturate by 10%, it is **37.2013, 38.8525, 42.4265**.

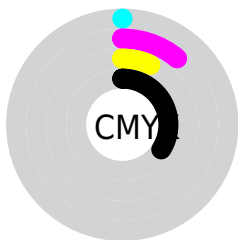
Distribution



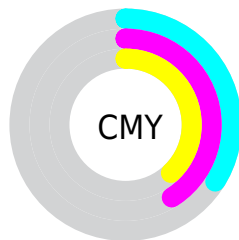
- Red (66%)
- Green (59%)
- Blue (62%)



- Red (66%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3543, 32.6820, 36.4486 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 33.3543, 32.6820, 36.4486 by changing the saturation by 10% instead.

■ 33.3543, 32.6820,
36.4486

■ 33.3543, 32.6820,
36.4486

308.8800,
314.2144, 346.0136

■ 22.5585, 21.8829,
24.4884

■ 64.2793, 63.8787,
70.9007

■ 14.3868, 13.7709,
15.4808

■ 85.1392, 85.0452,
94.2298

■ 8.4737, 7.9615,
9.0071

110.0845,
110.4363, 122.1855

■ 4.4538, 4.0703,
4.6490

139.4806,
140.4363, 155.1865

■ 1.9620, 1.7130,
1.9877

173.6929,
175.4298, 193.6512

■ 0.6125, 0.4320,
0.5477

213.0866,

■ 0.0000, 0.0000,

215.8010, 237.9983

0.0000

258.0272,
261.9344, 288.6463

■ 33.3543, 32.6820,
36.4486

■ 33.3543, 32.6820,
36.4486

■ 29.9778, 27.3241,
31.0213

■ 37.2013, 38.8525,
42.4265

■ 27.0504, 22.7406,
26.1262

■ 41.5334, 45.8633,
48.9683

■ 24.5531, 18.8965,
21.7471

■ 46.3683, 53.7459,
56.0895

■ 22.4645, 15.7525,
17.8658

■ 51.7218, 62.5291,
63.8046

■ 20.7613, 13.2656,
14.4633

■ 57.6089, 72.2403,
72.1271

■ 19.4177, 11.3881,
11.5189

■ 64.0442, 82.9057,
81.0703

■ 18.4044, 10.0656,
9.0103

■ 66.6492, 85.7658,
89.1832

■ 17.6871, 9.2339,
6.9126

■ 68.2100, 86.3902,
97.4022

■ 17.2387, 8.7856,
5.3804

■ 69.8645, 87.0519,
106.1145

Harmonies

Analogous

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



32.8855, 32.6820, 39.6777



33.3543, 32.6820, 36.4486



33.1971, 32.6820, 33.1801

Triad

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



33.3543, 32.6820, 36.4486



30.2117, 32.6820, 29.9371



29.7060, 32.6820, 40.9544

Complementary

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



33.3543, 32.6820, 36.4486



33.2884, 37.4694, 39.6620

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.



29.0229, 32.6820, 38.1037



33.3543, 32.6820, 36.4486



29.3097, 32.6820, 31.7841

Square

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



33.3543, 32.6820, 36.4486



31.3633, 32.6820, 29.5555



28.8796, 32.6820, 34.7354



30.7651, 32.6820, 42.3836

Rectangle

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



33.3543, 32.6820, 36.4486



32.7602, 32.6820, 31.4036



28.8796, 32.6820, 34.7354



29.4259, 32.6820, 40.1223

Sweetspot

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



33.3552, 32.6834, 36.4493



65.3122, 67.4686, 73.9676



32.9117, 32.3305, 42.0423



14.1130, 14.5086, 15.9333



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.



33.3552, 32.6834, 36.4493



58.4660, 56.5079, 63.2641



33.1317, 33.1653, 33.5112



7.6411, 7.5863, 8.4272



12.8718, 6.5574, 4.1362



0.3379, 0.1694, 0.2307

Inverse Universe

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



33.3552, 32.6834, 36.4493



58.4660, 56.5079, 63.2641



33.5192, 36.9075, 42.8937



7.6411, 7.5863, 8.4272



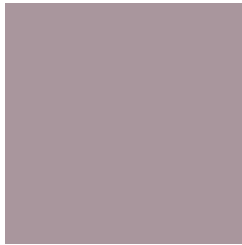
12.8718, 6.5574, 4.1362



0.3379, 0.1694, 0.2307

Previews

White Background



This preview shows how the XYZ color 33.3543, 32.6820, 36.4486 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 33.3543, 32.6820, 36.4486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

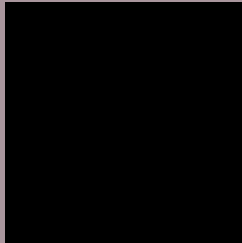
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3543, 32.6820, 36.4486

Background



This preview shows how black text looks on a background with the XYZ color 33.3543, 32.6820, 36.4486.



This preview shows how white text looks on a background with the XYZ color 33.3543, 32.6820,

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

33.3543, 32.6820, 36.4486

Protanopia

31.5239, 32.6823, 37.4477

Deuteranopia

33.3543, 32.6820, 36.4486



Tritanopia

33.7580, 32.6141, 38.2341

Trichromacy



Original Color

33.3543, 32.6820, 36.4486

Protanomaly

32.2607, 32.8282, 36.9839

Deuteranomaly

33.3543, 32.6820, 36.4486

Tritanomaly

33.6702, 32.5790, 37.7715

Monochromacy



Original Color

33.3543, 32.6820, 36.4486

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.2543, 33.0886, 36.1392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3543, 32.6820, 36.4486 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, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 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, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 157) }
```

Border

The CSS property to change the border of an element to XYZ 33.3543, 32.6820, 36.4486 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, 150, 157) }
```


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

```
.border{ border-color:rgb(169, 150, 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, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3543, 32.6820, 36.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 157) }
```

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

```
.background{ background-color: rgb(169,  
150, 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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