

Converting Colors

XYZ(33.3166, 32.6918, 35.1260)

Have a look what the booklet for
XYZ(33.3166, 32.6918, 35.1260)
contains.

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Color

**XYZ(33.3166, 32.6918,
35.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	AA969A
RGB	170, 150, 154
RGB Percent	67%, 59%, 60%
CMY	0.3333, 0.4117, 0.3961
CMYK	0.00, 0.12, 0.09, 0.33
HSL	348°, 11%, 63%
HSV	348°, 12%, 67%
XYZ	33.3166, 32.6918, 35.1260
YIQ	156.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

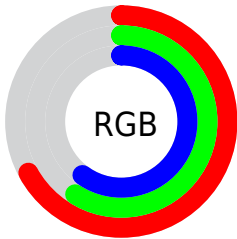
Format	Color
RYB	170, 150, 154
Decimal	11179674
CIELab	63.91, 8.10, 0.61
CIELCh	64, 8.123, 4.299
Yxy	32.6918, 0.3294, 0.3233
Android (android.graphics.Color)	4289369754 (0xFFAA969A)
YUV	156.4360, -1.2009, 11.8956
Hunter-Lab	57.1767, 3.9517, 3.5995

Details

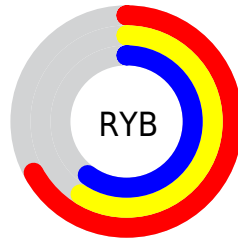
The XYZ color **33.3166, 32.6918, 35.1260** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8365, 37.9874, 41.6271**, and the grayscale version is **31.7973, 33.4533, 36.4306**.

A 20% lighter version of the original color is **64.0294, 63.7473, 68.6043**, and **14.3812, 13.7545, 14.7289** is the 20% darker color. If you saturate the color by 10%, you get **29.7289, 27.2275, 28.6540**, and if you desaturate by 10%, it is **37.4281, 38.9975, 42.4068**.

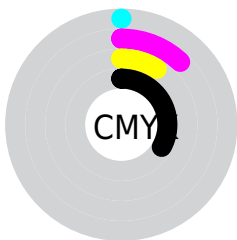
Distribution



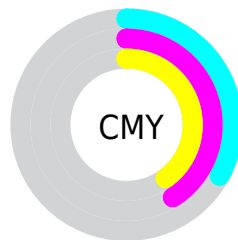
- Red (67%)
- Green (59%)
- Blue (60%)



- Red (67%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3166, 32.6918, 35.1260 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 33.3166, 32.6918, 35.1260 by changing the saturation by 10% instead.

■ 33.3166, 32.6918,
35.1260

■ 33.3166, 32.6918,
35.1260

308.7138,
314.2587, 340.0453

■ 22.5295, 21.8905,
23.4756

■ 64.2209, 63.8941,
68.8347

■ 14.3653, 13.7764,
14.7365

■ 85.0688, 85.0637,
91.7301

■ 8.4585, 7.9653,
8.4901

110.0009,
110.4583, 119.2109

■ 4.4440, 4.0728,
4.3179

139.3828,
140.4622, 151.6957

■ 1.9563, 1.7144,
1.8013

173.5796,
175.4598, 189.6030

■ 0.6092, 0.4329,
0.4288

212.9568,

■ 0.0000, 0.0000,

215.8355, 233.3513

0.0000

257.8798,
261.9736, 283.3592

■ 33.3166, 32.6918,
35.1260

■ 33.3166, 32.6918,
35.1260

■ 29.7289, 27.2275,
28.6540

■ 37.4281, 38.9975,
42.4068

■ 26.6411, 22.5648,
22.9606

■ 42.0806, 46.1735,
50.5210

■ 24.0315, 18.6672,
18.0169

■ 47.2939, 54.2528,
59.4948

■ 21.8759, 15.4935,
13.7911

■ 53.0858, 63.2654,
69.3524

■ 20.1476, 12.9989,
10.2493

■ 59.4736, 73.2398,
80.1174

■ 18.8172, 11.1333,
7.3547

■ 66.4737, 84.2034,
91.8121

■ 17.8517, 9.8398,
5.0671

■ 69.4702, 86.9191,
102.9145

■ 17.2120, 9.0512,
3.3412

■ 70.3877, 87.2861,
107.7458

■ 16.8661, 8.6615,
2.2947

Harmonies

Analogous

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



33.0957, 32.6918, 38.3965



33.3166, 32.6918, 35.1260



32.9242, 32.6918, 32.1647

Triad

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



33.3166, 32.6918, 35.1260



29.8502, 32.6918, 30.6441



30.1290, 32.6918, 41.5753

Complementary

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



33.3166, 32.6918, 35.1260



33.8365, 37.9874, 41.6271

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.



29.2917, 32.6918, 39.2626



33.3166, 32.6918, 35.1260



29.1336, 32.6918, 32.9347

Square

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



33.3166, 32.6918, 35.1260



30.9081, 32.6918, 29.6797



28.9316, 32.6918, 36.0698



31.2376, 32.6918, 42.2501

Rectangle

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



33.3166, 32.6918, 35.1260



32.3731, 32.6918, 30.7242



28.9316, 32.6918, 36.0698



29.8073, 32.6918, 40.9570

Sweetspot

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



33.3175, 32.6932, 35.1267



66.1001, 67.9758, 73.7583



33.8889, 32.8234, 42.5799



14.6141, 14.9645, 16.2251



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.3175, 32.6932, 35.1267



58.7415, 56.7076, 60.6724



33.9720, 34.5262, 33.7296



7.5901, 7.5659, 8.1589



12.4235, 6.3781, 1.7755



0.3190, 0.1619, 0.1315

Inverse Universe

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



33.3175, 32.6932, 35.1267



58.7415, 56.7076, 60.6724



33.1099, 35.9382, 43.2222



7.5901, 7.5659, 8.1589



12.4235, 6.3781, 1.7755



0.3190, 0.1619, 0.1315

Previews

White Background



This preview shows how the XYZ color 33.3166, 32.6918, 35.1260 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 33.3166, 32.6918, 35.1260 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 33.3166, 32.6918, 35.1260

Background



This preview shows how black text looks on a background with the XYZ color 33.3166, 32.6918, 35.1260.



This preview shows how white text looks on a background with the XYZ color 33.3166, 32.6918,

35.1260.

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

33.3166, 32.6918, 35.1260

Protanopia

31.4610, 32.6796, 36.1021

Deuteranopia

33.3166, 32.6918, 35.1260



Tritanopia

33.9751, 32.7260, 38.2443

Trichromacy



Original Color

33.3166, 32.6918, 35.1260

Protanomaly

32.2079, 32.8304, 35.6497

Deuteranomaly

33.3166, 32.6918, 35.1260

Tritanomaly

33.7136, 32.6214, 36.8674

Monochromacy



Original Color

33.3166, 32.6918, 35.1260

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1699, 33.0548, 35.6950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3166, 32.6918, 35.1260 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(170, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(170, 150, 154)  
}
```

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(170, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 150, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.3166, 32.6918, 35.1260 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(170, 150, 154) }
```


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

```
.border{ border-color:rgb(170, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(170, 150,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3166, 32.6918, 35.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 150, 154) }
```

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

```
.background{ background-color: rgb(170,  
150, 154) }
```

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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