

Converting Colors

XYZ(32.6543, 31.2391, 31.2018)

Have a look what the booklet for
XYZ(32.6543, 31.2391, 31.2018)
contains.

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Color

**XYZ(32.6918, 31.2938,
31.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9191
RGB	174, 145, 145
RGB Percent	68%, 57%, 57%
CMY	0.3176, 0.4314, 0.4314
CMYK	0.00, 0.17, 0.17, 0.32
HSL	0°, 15%, 63%
HSV	0°, 17%, 68%
XYZ	32.6918, 31.2938, 31.1053
YIQ	153.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

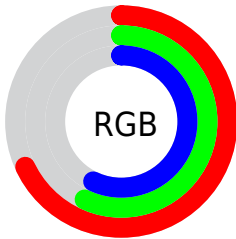
Format	Color
RYB	174, 145, 145
Decimal	11440529
CIELab	62.75, 10.86, 4.06
CIELCh	63, 11.599, 20.507
Yxy	31.2938, 0.3438, 0.3291
Android (android.graphics.Color)	4289630609 (0xFFAE9191)
YUV	153.6710, -4.2748, 17.8285
Hunter-Lab	55.9409, 6.4188, 6.1911

Details

The XYZ color **32.6918, 31.2938, 31.1053** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4528, 39.3469, 45.8236**, and the grayscale version is **30.5845, 32.1773, 35.0411**.

A 20% lighter version of the original color is **63.3654, 61.7934, 62.6204**, and **14.0429, 13.0756, 12.6102** is the 20% darker color. If you saturate the color by 10%, you get **28.9937, 25.8826, 23.7523**, and if you desaturate by 10%, it is **37.0043, 37.6043, 39.6777**.

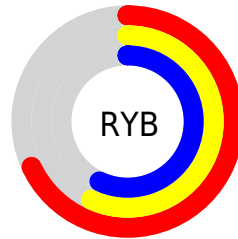
Distribution



Red (68%)

Green (57%)

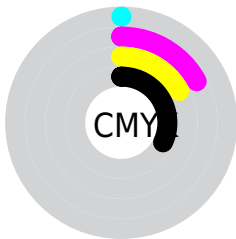
Blue (57%)



Red (68%)

Yellow (57%)

Blue (57%)

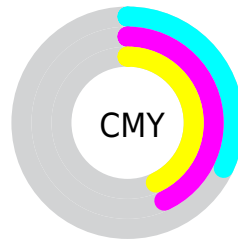


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (32%)



Cyan (32%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6918, 31.2938, 31.1053 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 32.6918, 31.2938, 31.1053 by changing the saturation by 10% instead.


 32.6918, 31.2938,
31.1053


 32.6918, 31.2938,
31.1053


305.9483,
307.8896, 321.3893

 22.0486, 20.8227,
20.4199


 63.2520, 61.7023,
62.4873

 14.0094, 12.9944,
12.5135


 83.8996, 82.4085,
84.0211

 8.2089, 7.4247,
6.9677


108.6127,
107.2952, 110.0080

 4.2819, 3.7291,
3.3637

137.7567,
136.7468, 140.8666

 1.8628, 1.5232,
1.2832

171.6969,
171.1476, 177.0155

 0.5551, 0.3050,
0.0480

210.7986,

 0.0000, 0.0000,

210.8821, 218.8733

0.0000

255.4273,
256.3346, 266.8584

■ 32.6918, 31.2938,
31.1053

■ 32.6918, 31.2938,
31.1053

■ 28.9937, 25.8826,
23.7523

■ 37.0043, 37.6043,
39.6777

■ 25.8795, 21.3257,
17.5615

■ 41.9547, 44.8479,
49.5191

■ 23.3204, 17.5809,
12.4741

■ 47.5682, 53.0619,
60.6791

■ 21.2836, 14.6005,
8.4252

■ 53.8681, 62.2803,
73.2038

■ 19.7332, 12.3317,
5.3433

■ 60.8765, 72.5353,
87.1371

■ 18.6287, 10.7155,
3.1479

■ 68.6145, 83.8579,
102.5209

■ 17.9231, 9.6829,
1.7455

■ 71.2657, 87.7387,
107.7869

■ 17.5506, 9.1378,
1.0053

■ 17.4559, 8.9992,
0.8170

Harmonies

Analogous

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



32.8534, 31.2938, 35.5340



32.6918, 31.2938, 31.1053



31.7252, 31.2938, 27.7698

Triad

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



32.6918, 31.2938, 31.1053



27.4525, 31.2938, 28.8167



29.2438, 31.2938, 43.4316

Complementary

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



32.6918, 31.2938, 31.1053



34.4528, 39.3469, 45.8236

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.



27.8467, 31.2938, 41.2658



32.6918, 31.2938, 31.1053



26.8369, 31.2938, 32.6538

Square

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



32.6918, 31.2938, 31.1053



28.6885, 31.2938, 26.5322



26.9786, 31.2938, 37.2250



30.8248, 31.2938, 42.9237

Rectangle

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



32.6918, 31.2938, 31.1053



30.7728, 31.2938, 26.4875



26.9786, 31.2938, 37.2250



28.7380, 31.2938, 42.9854

Sweetspot

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



32.6927, 31.2952, 31.1060



68.4606, 70.1690, 74.6324



35.2213, 32.3059, 44.4240



15.0854, 15.4046, 16.3280



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6927, 31.2952, 31.1060



56.6999, 52.9600, 51.2518



35.0511, 36.0120, 31.8921



8.0053, 8.0155, 8.3386



12.6608, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



34.4528, 39.3469, 45.8236



60.4999, 70.3429, 83.0257



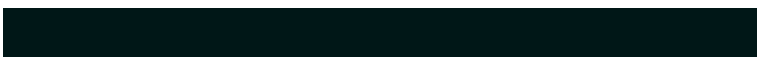
31.8017, 34.0447, 44.9399



8.2363, 9.0719, 10.2697



16.5169, 24.1677, 32.8388



0.4595, 0.6724, 0.9135

Previews

White Background



This preview shows how the XYZ color 32.6918, 31.2938, 31.1053 looks on a white background.

Color Contrast Check

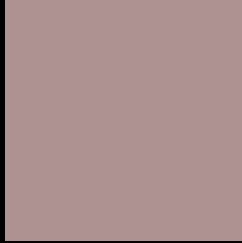
Large Text (above 18pt) WCAG AA × Fail

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 32.6918, 31.2938, 31.1053 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 32.6918, 31.2938, 31.1053

Background



This preview shows how black text looks on a background with the XYZ color 32.6918, 31.2938, 31.1053.



This preview shows how white text looks on a background with the XYZ color 32.6918, 31.2938,

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

32.6918, 31.2938, 31.1053

Protanopia

29.9295, 31.2399, 32.4694

Deuteranopia

31.9067, 31.3468, 31.1569



Tritanopia

33.5688, 31.4270, 35.3071

Trichromacy



Original Color

32.6918, 31.2938, 31.1053

Protanomaly

30.9142, 31.2829, 32.0126

Deuteranomaly

32.1843, 31.2600, 31.1256

Tritanomaly

33.2384, 31.2948, 33.5668

Monochromacy



Original Color

32.6918, 31.2938, 31.1053

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3505, 31.9447, 33.7917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6918, 31.2938, 31.1053 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(174, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 145)  
}
```

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(174, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 32.6918, 31.2938, 31.1053 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(174, 145, 145) }
```


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

```
.border{ border-color:rgb(174, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6918, 31.2938, 31.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 145) }
```

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

```
.background{ background-color: rgb(174,  
145, 145) }
```

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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