

Converting Colors

XYZ(32.6169, 31.3140, 28.3721)

Have a look what the booklet for
XYZ(32.6169, 31.3140, 28.3721)
contains.

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Color

**XYZ(32.6173, 31.3159,
28.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	B0918A
RGB	176, 145, 138
RGB Percent	69%, 57%, 54%
CMY	0.3098, 0.4314, 0.4588
CMYK	0.00, 0.18, 0.22, 0.31
HSL	11°, 19%, 62%
HSV	11°, 22%, 69%
XYZ	32.6173, 31.3159, 28.3702
YIQ	153.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

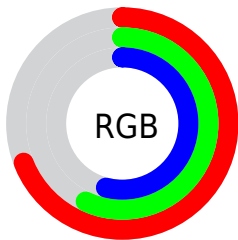
Format	Color
RYB	176, 147, 138
Decimal	11571594
CIELab	62.77, 10.52, 8.08
CIELCh	63, 13.260, 37.517
Yxy	31.3159, 0.3534, 0.3393
Android (android.graphics.Color)	4289761674 (0xFFB0918A)
YUV	153.4710, -7.6272, 19.7579
Hunter-Lab	55.9606, 6.1098, 9.1143

Details

The XYZ color **32.6173, 31.3159, 28.3702** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5052, 36.9126, 46.4860**, and the grayscale version is **30.5102, 32.0991, 34.9559**.

A 20% lighter version of the original color is **63.1061, 61.7642, 57.8859**, and **14.0220, 13.1000, 11.0220** is the 20% darker color. If you saturate the color by 10%, you get **29.3882, 26.7342, 21.5085**, and if you desaturate by 10%, it is **36.3318, 36.5375, 36.4132**.

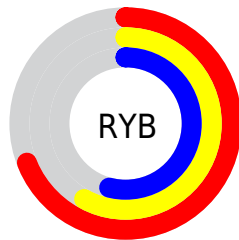
Distribution



Red (69%)

Green (57%)

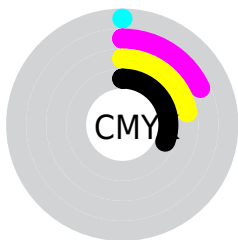
Blue (54%)



Red (69%)

Yellow (58%)

Blue (54%)

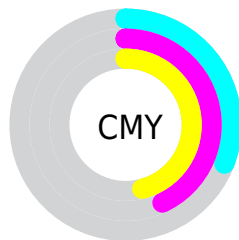


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6173, 31.3159, 28.3702 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 32.6173, 31.3159, 28.3702 by changing the saturation by 10% instead.


 32.6173, 31.3159,
28.3702


 32.6173, 31.3159,
28.3702


305.6173,
307.9910, 308.1991


 21.9913, 20.8395,
18.3634

 63.1363, 61.7371,
58.1051

 13.9670, 13.0067,
11.0391


 83.7599, 82.4507,
78.6704

 8.1793, 7.4332,
5.9786

 108.4468,
107.3455, 103.5922

 4.2627, 3.7345,
2.7635

137.5623,
136.8058, 133.2892

 1.8518, 1.5262,
0.9752

171.4717,
171.2162, 168.1798

 0.5486, 0.3070,
0.0000

210.5404,

 0.0000, 0.0000,

210.9609, 208.6827

0.0000

255.1339,
256.4244, 255.2162

■ 32.6173, 31.3159,
28.3702

■ 32.6173, 31.3159,
28.3702

■ 29.3882, 26.7342,
21.5085

■ 36.3318, 36.5375,
36.4132

■ 26.6219, 22.7636,
15.7704

■ 40.5483, 42.4179,
45.6876

■ 24.2973, 19.3794,
11.0962

■ 45.2855, 48.9807,
56.2430

■ 22.3911, 16.5533,
7.4202

■ 50.5606, 56.2468,
68.1255

■ 20.8775, 14.2549,
4.6688

■ 56.3898, 64.2364,
81.3791

■ 19.7279, 12.4509,
2.7587

■ 62.7888, 72.9688,
96.0459

■ 18.9092, 11.1037,
1.5911

■ 68.7578, 82.0567,
106.8223

■ 18.4329, 10.2869,
1.0140

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



33.3576, 31.3159, 32.8079



32.6173, 31.3159, 28.3702



31.1184, 31.3159, 25.6773

Triad

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



32.6173, 31.3159, 28.3702



26.6576, 31.3159, 30.4194



30.2233, 31.3159, 44.9880

Complementary

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



32.6173, 31.3159, 28.3702



32.5052, 36.9126, 46.4860

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.



28.4511, 31.3159, 44.1830



32.6173, 31.3159, 28.3702



26.4398, 31.3159, 35.4209

Square

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



32.6173, 31.3159, 28.3702



27.6913, 31.3159, 26.7739



27.0837, 31.3159, 40.5484



31.9394, 31.3159, 42.6483

Rectangle

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



32.6173, 31.3159, 28.3702



29.9162, 31.3159, 25.0617



27.0837, 31.3159, 40.5484



29.6140, 31.3159, 45.0800

Sweetspot

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



32.6181, 31.3173, 28.3709



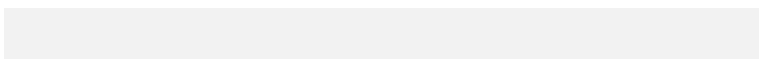
69.9736, 71.9662, 74.9857



34.1578, 30.2732, 41.5957



15.0599, 15.4504, 16.0206



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.



32.6181, 31.3173, 28.3709



56.2013, 52.6139, 45.1393



35.7616, 37.6043, 29.4187



8.6189, 8.7503, 8.8872



13.5569, 7.6123, 0.7548



0.4644, 0.3151, 0.0363

Inverse Universe

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



32.5052, 36.9126, 46.4860



55.9555, 64.6160, 84.0183



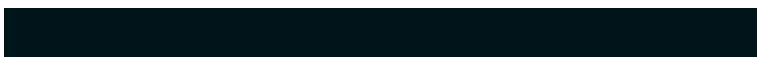
29.2297, 30.3615, 45.3942



8.6069, 9.3599, 10.8593



13.0582, 16.9168, 32.7140



0.4454, 0.6014, 1.0408

Previews

White Background



This preview shows how the XYZ color 32.6173, 31.3159, 28.3702 looks on a white background.

Color Contrast Check

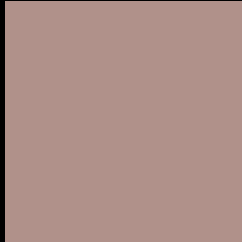
Large Text (above 18pt) WCAG AA × Fail

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 32.6173, 31.3159, 28.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

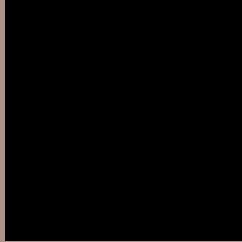
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6173, 31.3159, 28.3702

Background



This preview shows how black text looks on a background with the XYZ color 32.6173, 31.3159, 28.3702.



This preview shows how white text looks on a background with the XYZ color 32.6173, 31.3159,

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

32.6173, 31.3159, 28.3702

Protanopia

29.7790, 31.2244, 29.6567

Deuteranopia

32.0344, 31.4731, 28.4313



Tritanopia

34.0153, 31.4430, 34.8482

Trichromacy



Original Color

32.6173, 31.3159, 28.3702

Protanomaly

30.7909, 31.2809, 29.2259

Deuteranomaly

32.0999, 31.2770, 28.3900

Tritanomaly

33.4500, 31.4317, 32.3209

Monochromacy



Original Color

32.6173, 31.3159, 28.3702

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9496, 31.5279, 32.4712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6173, 31.3159, 28.3702 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(176, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 138)  
}
```

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(176, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.6173, 31.3159, 28.3702 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(176, 145, 138) }
```


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

```
.border{ border-color:rgb(176, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(176, 145,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6173, 31.3159, 28.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 138) }
```

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

```
.background{ background-color: rgb(176,  
145, 138) }
```

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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