

Converting Colors

XYZ(32.1893, 31.0646, 31.1259)

Have a look what the booklet for
XYZ(32.1893, 31.0646, 31.1259)
contains.

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Color

**XYZ(32.2495, 31.0658,
31.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9191
RGB	172, 145, 145
RGB Percent	67%, 57%, 57%
CMY	0.3255, 0.4314, 0.4314
CMYK	0.00, 0.16, 0.16, 0.33
HSL	0°, 14%, 62%
HSV	0°, 16%, 67%
XYZ	32.2495, 31.0658, 31.0846
YIQ	153.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

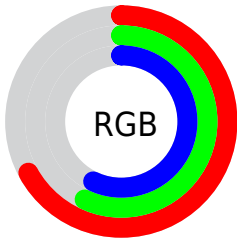
Format	Color
R _Y B	172, 145, 145
Decimal	11309457
CIE Lab	62.56, 10.10, 3.76
CIE LCh	63, 10.781, 20.424
Yxy	31.0658, 0.3416, 0.3291
Android (android.graphics.Color)	4289499537 (0xFFAC9191)
YUV	153.0730, -3.9800, 16.5990
Hunter-Lab	55.7367, 5.7417, 5.9494

Details

The XYZ color **32.2495, 31.0658, 31.0846** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8757, 38.5025, 44.6763**, and the grayscale version is **30.3226, 31.9018, 34.7410**.

A 20% lighter version of the original color is **62.7271, 61.4643, 62.5906**, and **13.7655, 12.9326, 12.5972** is the 20% darker color. If you saturate the color by 10%, you get **28.5905, 25.7119, 23.8094**, and if you desaturate by 10%, it is **36.5089, 37.2985, 39.5513**.

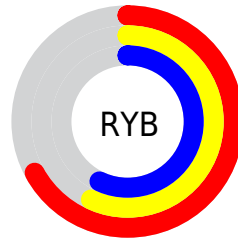
Distribution



Red (67%)

Green (57%)

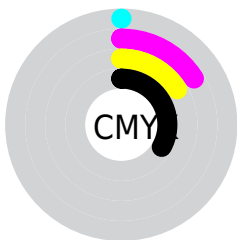
Blue (57%)



Red (67%)

Yellow (57%)

Blue (57%)

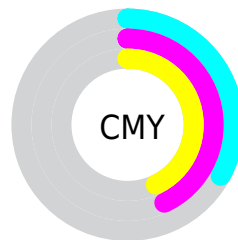


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2495, 31.0658, 31.0846 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 32.2495, 31.0658, 31.0846 by changing the saturation by 10% instead.


 32.2495, 31.0658,
31.0846


 32.2495, 31.0658,
31.0846


303.9794,
306.8413, 321.2911

 21.7086, 20.6490,
20.4043


 62.5646, 61.3437,
62.4544

 13.7584, 12.8676,
12.5023


 83.0695, 81.9735,
83.9809

 8.0334, 7.3375,
6.9600


107.6264,
106.7764, 109.9599

 4.1683, 3.6740,
3.3591

136.6008,
136.1368, 140.8100

 1.7978, 1.4929,
1.2808

170.3579,
170.4391, 176.9496

 0.5163, 0.2838,
0.0459

209.2631,

 0.0000, 0.0000,

210.0677, 218.7973

0.0000

253.6818,
255.4070, 266.7716

■ 32.2495, 31.0658,
31.0846

■ 32.2495, 31.0658,
31.0846

■ 28.5905, 25.7119,
23.8094

■ 36.5089, 37.2985,
39.5513

■ 25.5025, 21.1932,
17.6705

■ 41.3912, 44.4425,
49.2575

■ 22.9575, 17.4691,
12.6111

■ 46.9209, 52.5339,
60.2511

■ 20.9240, 14.4935,
8.5688

■ 53.1206, 61.6056,
72.5766

■ 19.3675, 12.2159,
5.4749

■ 60.0117, 71.6889,
86.2767

■ 18.2492, 10.5794,
3.2520

■ 67.6144, 82.8135,
101.3918

■ 17.5241, 9.5183,
1.8109

■ 70.8234, 87.5107,
107.7662

■ 17.1345, 8.9480,
1.0366

■ 17.0136, 8.7712,
0.7963

Harmonies

Analogous

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



32.3961, 31.0658, 35.1868



32.2495, 31.0658, 31.0846



31.3605, 31.0658, 27.9744

Triad

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



32.2495, 31.0658, 31.0846



27.4064, 31.0658, 28.9364



29.0604, 31.0658, 42.4305

Complementary

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



32.2495, 31.0658, 31.0846



33.8757, 38.5025, 44.6763

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.



27.7666, 31.0658, 40.4401



32.2495, 31.0658, 31.0846



26.8328, 31.0658, 32.4995

Square

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



32.2495, 31.0658, 31.0846



28.5539, 31.0658, 26.8072



26.9624, 31.0658, 36.7227



30.5222, 31.0658, 41.9726

Rectangle

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



32.2495, 31.0658, 31.0846



30.4821, 31.0658, 26.7722



26.9624, 31.0658, 36.7227



28.5923, 31.0658, 42.0198

Sweetspot

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



32.2504, 31.0672, 31.0853



66.7376, 68.4043, 72.7565



34.5854, 32.0004, 43.3839



14.3810, 14.6864, 15.5679



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.



32.2504, 31.0672, 31.0853



55.9644, 52.6404, 51.3392



34.4368, 35.4400, 31.8141



8.0053, 8.0155, 8.3386



12.6609, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



33.8757, 38.5025, 44.6763



59.5065, 68.8437, 80.9576



31.4361, 33.6233, 43.8631



8.2363, 9.0719, 10.2697



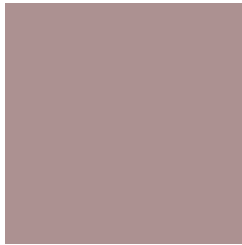
16.5167, 24.1673, 32.8387



0.4595, 0.6724, 0.9135

Previews

White Background



This preview shows how the XYZ color 32.2495, 31.0658, 31.0846 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 32.2495, 31.0658, 31.0846 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

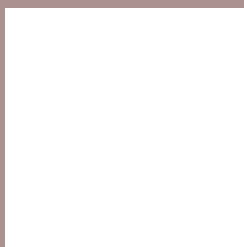
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2495, 31.0658, 31.0846

Background



This preview shows how black text looks on a background with the XYZ color 32.2495, 31.0658, 31.0846.



This preview shows how white text looks on a background with the XYZ color 32.2495, 31.0658,

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

32.2495, 31.0658, 31.0846

Protanopia

29.9295, 31.2399, 32.4694

Deuteranopia

31.7519, 31.0371, 31.1053



Tritanopia

33.1232, 31.1973, 35.2862

Trichromacy



Original Color

32.2495, 31.0658, 31.0846

Protanomaly

30.7118, 31.1785, 32.0031

Deuteranomaly

31.9673, 31.1482, 31.1154

Tritanomaly

32.7928, 31.0651, 33.5460

Monochromacy



Original Color

32.2495, 31.0658, 31.0846

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9086, 31.4883, 33.3030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2495, 31.0658, 31.0846 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(172, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 32.2495, 31.0658, 31.0846 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(172, 145, 145) }
```


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

```
.border{ border-color:rgb(172, 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(172, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(172, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2495, 31.0658, 31.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 145, 145) }
```

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

```
.background{ background-color: rgb(172,  
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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