

Converting Colors

XYZ(32.1688, 31.9058, 36.3203)

Have a look what the booklet for
XYZ(32.1688, 31.9058, 36.3203)
contains.

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Color

**XYZ(32.1431, 31.8217,
36.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	A4959D
RGB	164, 149, 157
RGB Percent	64%, 58%, 62%
CMY	0.3569, 0.4157, 0.3843
CMYK	0.00, 0.09, 0.04, 0.36
HSL	328°, 8%, 61%
HSV	328°, 9%, 64%
XYZ	32.1431, 31.8217, 36.3464
YIQ	154.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

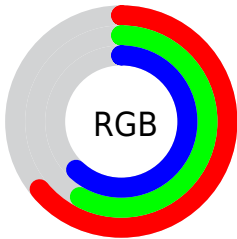
Format	Color
RYB	164, 149, 157
Decimal	10786205
CIELab	63.20, 6.99, -2.20
CIElCh	63, 7.331, 342.577
Yxy	31.8217, 0.3204, 0.3172
Android (android.graphics.Color)	4288976285 (0xFFA4959D)
YUV	154.3970, 1.2833, 8.4218
Hunter-Lab	56.4107, 2.9914, 1.2859

Details

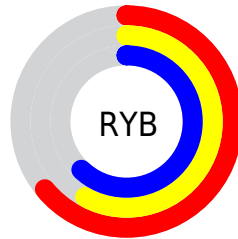
The XYZ color **32.1431, 31.8217, 36.3464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6718, 35.3416, 36.6065**, and the grayscale version is **30.8829, 32.4912, 35.3830**.

A 20% lighter version of the original color is **62.4530, 62.5254, 71.0643**, and **13.6513, 13.2207, 15.4680** is the 20% darker color. If you saturate the color by 10%, you get **29.0960, 26.7404, 32.2069**, and if you desaturate by 10%, it is **35.5984, 37.6529, 40.8248**.

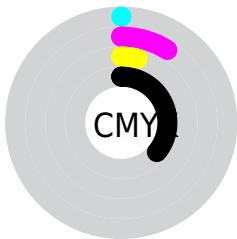
Distribution



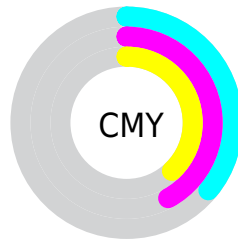
- Red (64%)
- Green (58%)
- Blue (62%)



- Red (64%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1431, 31.8217, 36.3464 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 32.1431, 31.8217, 36.3464 by changing the saturation by 10% instead.

■ 32.1431, 31.8217,
36.3464

■ 32.1431, 31.8217,
36.3464

303.5043,
310.3062, 345.5552

■ 21.6269, 21.2253,
24.4100

■ 62.3990, 62.5315,
70.7414

■ 13.6981, 13.2888,
15.4231

■ 82.8695, 83.4137,
94.0372

■ 7.9913, 7.6277,
8.9669

107.3887,
108.4933, 121.9565

■ 4.1411, 3.8577,
4.6231

136.3221,
138.1547, 154.9179

■ 1.7823, 1.5943,
1.9730

170.0350,
172.7823, 193.3399

■ 0.5070, 0.3537,
0.5386

208.8928,

■ 0.0000, 0.0000,

212.7605, 237.6411

0.0000

253.2608,
258.4737, 288.2400

■ 32.1431, 31.8217,
36.3464

■ 32.1431, 31.8217,
36.3464

■ 29.0960, 26.7404,
32.2069

■ 35.5984, 37.6529,
40.8248

■ 26.4383, 22.3741,
28.3952

■ 39.4742, 44.2588,
45.6486

■ 24.1541, 18.6916,
24.9025

■ 43.7855, 51.6681,
50.8267

■ 22.2249, 15.6573,
21.7190

■ 48.5460, 59.9067,
56.3670

■ 20.6308, 13.2327,
18.8339

■ 53.7686, 68.9995,
62.2771

■ 19.3499, 11.3751,
16.2357

■ 59.4657, 78.9702,
68.5645

■ 18.3571, 10.0360,
13.9119

■ 62.7759, 84.0949,
74.2784

■ 17.6236, 9.1591,
11.8483

■ 63.7563, 84.4871,
79.4411

■ 17.0912, 8.6295,
10.0209

■ 64.7829, 84.8978,
84.8475

Harmonies

Analogous

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



31.5832, 31.8217, 38.9224



32.1431, 31.8217, 36.3464



32.1875, 31.8217, 33.4474

Triad

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



32.1431, 31.8217, 36.3464



29.8233, 31.8217, 29.4822



28.8333, 31.8217, 38.5629

Complementary

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



32.1431, 31.8217, 36.3464



31.6718, 35.3416, 36.6065

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.



28.3833, 31.8217, 35.8778



32.1431, 31.8217, 36.3464



28.9463, 31.8217, 30.6994

Square

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



32.1431, 31.8217, 36.3464



30.8328, 31.8217, 29.5920



28.4242, 31.8217, 33.0042



29.6659, 31.8217, 40.2504

Rectangle

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



32.1431, 31.8217, 36.3464



31.9175, 31.8217, 31.7297



28.4242, 31.8217, 33.0042



28.6331, 31.8217, 37.7409

Sweetspot

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



32.1440, 31.8231, 36.3471



62.0738, 64.0411, 70.8495



31.1598, 31.2446, 39.5110



13.4624, 13.8179, 15.3493



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.1440, 31.8231, 36.3471



57.1456, 55.7516, 64.3757



31.5232, 31.5748, 33.0782



7.2242, 7.1461, 8.1671



13.0964, 6.5946, 7.6982



0.2988, 0.1480, 0.2862

Inverse Universe

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



32.1440, 31.8231, 36.3471



57.1456, 55.7516, 64.3757



32.3266, 35.6036, 40.0546



7.2242, 7.1461, 8.1671



13.0964, 6.5946, 7.6982



0.2988, 0.1480, 0.2862

Previews

White Background



This preview shows how the XYZ color 32.1431, 31.8217, 36.3464 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 32.1431, 31.8217, 36.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

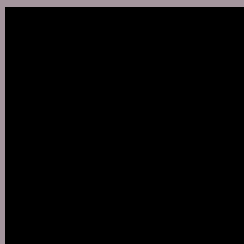
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

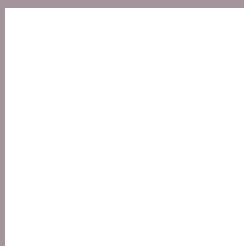
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1431, 31.8217, 36.3464

Background



This preview shows how black text looks on a background with the XYZ color 32.1431, 31.8217, 36.3464.



This preview shows how white text looks on a background with the XYZ color 32.1431, 31.8217,

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

32.1431, 31.8217, 36.3464

Protanopia

30.8127, 31.8297, 37.3206

Deuteranopia

32.4016, 31.7211, 36.3133



Tritanopia

32.2449, 31.6104, 37.6596

Trichromacy



Original Color

32.1431, 31.8217, 36.3464

Protanomaly

31.3387, 31.8709, 36.8477

Deuteranomaly

32.1928, 31.6135, 36.3036

Tritanomaly

32.1578, 31.5755, 37.2007

Monochromacy



Original Color

32.1431, 31.8217, 36.3464

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2452, 32.0921, 35.5579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1431, 31.8217, 36.3464 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(164, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(164, 149, 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(164, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.1431, 31.8217, 36.3464 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(164, 149, 157) }
```


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

```
.border{ border-color:rgb(164, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(164, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1431, 31.8217, 36.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 149, 157) }
```

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

```
.background{ background-color: rgb(164,  
149, 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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