

Converting Colors

XYZ(32.2962, 37.1497, 29.3027)

Have a look what the booklet for
XYZ(32.2962, 37.1497, 29.3027)
contains.

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Color

**XYZ(32.2209, 37.1506,
29.1395)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA989
RGB	155, 169, 137
RGB Percent	61%, 66%, 54%
CMY	0.3922, 0.3372, 0.4627
CMYK	0.08, 0.00, 0.19, 0.34
HSL	86°, 16%, 60%
HSV	86°, 19%, 66%
XYZ	32.2209, 37.1506, 29.1395
YIQ	161.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

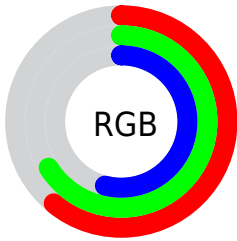
Format	Color
RYB	137, 169, 151
Decimal	10201481
CIELab	67.39, -10.81, 14.89
CIELCh	67, 18.397, 125.967
Yxy	37.1506, 0.3271, 0.3771
Android (android.graphics.Color)	4288391561 (0xFF9BA989)
YUV	161.1660, -11.9138, -5.4076
Hunter-Lab	60.9513, -12.3037, 14.3206

Details

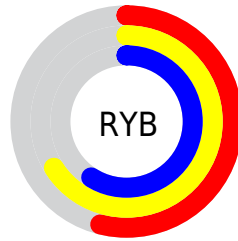
The XYZ color **32.2209, 37.1506, 29.1395** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.8710, 27.3362, 41.2928**, and the grayscale version is **34.0073, 35.7783, 38.9626**.

A 20% lighter version of the original color is **62.5283, 70.7307, 59.0720**, and **13.7905, 16.3538, 11.4466** is the 20% darker color. If you saturate the color by 10%, you get **29.7266, 35.9951, 23.1825**, and if you desaturate by 10%, it is **34.9941, 38.4301, 36.1024**.

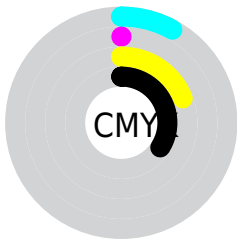
Distribution



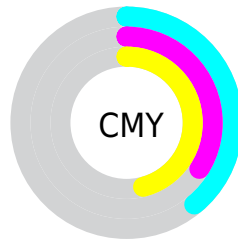
- Red (61%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2209, 37.1506, 29.1395 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 32.2209, 37.1506, 29.1395 by changing the saturation by 10% instead.

■ 32.2209, 37.1506,
29.1395

■ 32.2209, 37.1506,
29.1395

303.8517,
333.9621, 311.9541

■ 21.6866, 25.3241,
18.9399

■ 62.5201, 70.8043,
59.3435

■ 13.7421, 16.3187,
11.4505

■ 83.0157, 93.4004,
80.1849

■ 8.0220, 9.7500,
6.2527

■ 107.5626,
120.3551, 105.4107

■ 4.1610, 5.2335,
2.9281

136.5259,
152.0528, 135.4394

■ 1.7936, 2.3849,
1.0580

170.2711,
188.8780, 170.6896

■ 0.5138, 0.8181,
0.0000

209.1636,

■ 0.0000, 0.0000,

231.2150, 211.5797

0.0000

253.5687,
279.4482, 258.5284

■ 32.2209, 37.1506,
29.1395

■ 32.2209, 37.1506,
29.1395

■ 29.7266, 35.9951,
23.1825

■ 34.9941, 38.4301,
36.1024

■ 27.4977, 34.9545,
18.1825

■ 38.0529, 39.8329,
44.1123

■ 25.5243, 34.0257,
14.0900

■ 41.4076, 41.3644,
53.2108

■ 23.7944, 33.2038,
10.8504

■ 45.0669, 43.0282,
63.4367

■ 22.2946, 32.4832,
8.4030

■ 49.0391, 44.8280,
74.8269

■ 21.0102, 31.8579,
6.6790

■ 53.3324, 46.7671,
87.4164

■ 19.9243, 31.3209,
5.5981

■ 57.9054, 48.8291,
100.9807

■ 19.0057, 30.8595,
5.0064

■ 60.0172, 49.9177,
101.0796

■ 18.9136, 30.8132,
4.9507

■ 62.2270, 51.0569,
101.1830

Harmonies

Analogous

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



34.7499, 37.1506, 26.8888



32.2209, 37.1506, 29.1395



30.5865, 37.1506, 34.4504

Triad

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



32.2209, 37.1506, 29.1395



33.1480, 37.1506, 56.3546



40.9823, 37.1506, 38.8579

Complementary

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



32.2209, 37.1506, 29.1395



28.8710, 27.3362, 41.2928

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.



40.4976, 37.1506, 47.1101



32.2209, 37.1506, 29.1395



35.8771, 37.1506, 57.9436

Square

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



32.2209, 37.1506, 29.1395



31.1015, 37.1506, 50.2731



38.5916, 37.1506, 54.3651



39.8832, 37.1506, 31.9990

Rectangle

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



32.2209, 37.1506, 29.1395



30.1734, 37.1506, 39.3683



38.5916, 37.1506, 54.3651



40.9999, 37.1506, 41.5528

Sweetspot

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



32.2219, 37.1522, 29.1403



64.1659, 69.5103, 68.5179



31.9241, 32.3328, 28.2258



13.9138, 15.1173, 14.7483



80.6108, 84.8088, 92.3568



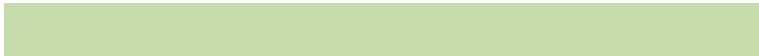
14.7206, 15.4872, 16.8656

Same Dimension

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



32.2219, 37.1522, 29.1403



55.6444, 65.5804, 47.1933



29.3742, 35.6842, 29.0070



7.8252, 8.6080, 8.0383



14.1578, 22.9958, 3.6924



0.4016, 0.5890, 0.0925

Inverse Universe

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



28.8710, 27.3362, 41.2928



48.4564, 44.5220, 73.2648



32.0167, 28.9579, 41.4400



7.4316, 7.4551, 9.4656



7.4986, 3.2491, 28.2074



0.2416, 0.1095, 0.6891

Previews

White Background



This preview shows how the XYZ color 32.2209, 37.1506, 29.1395 looks on a white background.

Color Contrast Check

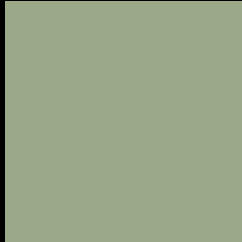
Large Text (above 18pt) WCAG AA × Fail

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 32.2209, 37.1506, 29.1395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

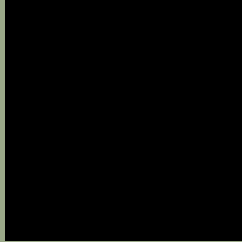
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2209, 37.1506, 29.1395

Background



This preview shows how black text looks on a background with the XYZ color 32.2209, 37.1506, 29.1395.



This preview shows how white text looks on a background with the XYZ color 32.2209, 37.1506,

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

32.2209, 37.1506, 29.1395

Protanopia

34.8121, 37.1564, 27.8914

Deuteranopia

37.6261, 37.0092, 29.5865



Tritanopia

35.9092, 37.3023, 46.9024

Trichromacy



Original Color

32.2209, 37.1506, 29.1395

Protanomaly

33.7353, 37.1287, 28.3102

Deuteranomaly

35.4123, 36.9057, 29.3018

Tritanomaly

34.4559, 37.2520, 39.5568

Monochromacy



Original Color

32.2209, 37.1506, 29.1395

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2410, 36.1888, 34.9389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2209, 37.1506, 29.1395 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(155, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 137)  
}
```

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(155, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.2209, 37.1506, 29.1395 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(155, 169, 137) }
```


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

```
.border{ border-color:rgb(155, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 169, 137); box-shadow:4px 4px 4px 4px rgb(155, 169, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2209, 37.1506, 29.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 137) }
```

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

```
.background{ background-color: rgb(155,  
169, 137) }
```

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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