

Converting Colors

XYZ(31.5096, 35.8961, 32.0560)

Have a look what the booklet for
XYZ(31.5096, 35.8961, 32.0560)
contains.

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Color

**XYZ(31.5096, 35.8961,
32.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	97A691
RGB	151, 166, 145
RGB Percent	59%, 65%, 57%
CMY	0.4078, 0.3490, 0.4314
CMYK	0.09, 0.00, 0.13, 0.35
HSL	103°, 11%, 61%
HSV	103°, 13%, 65%
XYZ	31.5096, 35.8961, 32.0560
YIQ	159.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

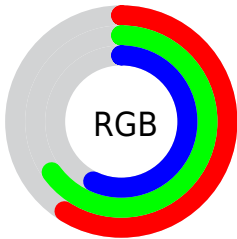
Format	Color
RYB	145, 166, 160
Decimal	9938577
CIELab	66.44, -9.30, 9.09
CIELCh	66, 13.002, 135.648
Yxy	35.8961, 0.3168, 0.3609
Android (android.graphics.Color)	4288128657 (0xFF97A691)
YUV	159.1210, -6.9617, -7.1221
Hunter-Lab	59.9134, -10.9717, 10.2169

Details

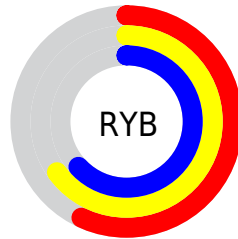
The XYZ color **31.5096, 35.8961, 32.0560** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5069, 30.4786, 40.3006**, and the grayscale version is **33.0424, 34.7632, 37.8571**.

A 20% lighter version of the original color is **61.3421, 68.8156, 64.0825**, and **13.3384, 15.5702, 13.1288** is the 20% darker color. If you saturate the color by 10%, you get **28.2310, 34.3442, 25.7019**, and if you desaturate by 10%, it is **35.1986, 37.6400, 39.4072**.

Distribution



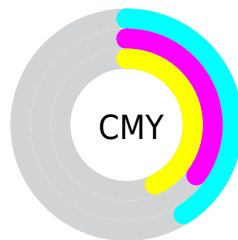
- Red (59%)
- Green (65%)
- Blue (57%)



- Red (57%)
- Yellow (65%)
- Blue (63%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5096, 35.8961, 32.0560 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 31.5096, 35.8961, 32.0560 by changing the saturation by 10% instead.

■ 31.5096, 35.8961,
32.0560

■ 31.5096, 35.8961,
32.0560

300.6644,
328.5062, 325.8749

■ 21.1409, 24.3540,
21.1391

■ 61.4119, 68.8717,
63.9978

■ 13.3401, 15.5964,
13.0335

■ 81.6762, 91.0739,
85.8598

■ 7.7418, 9.2390,
7.3206

105.9698,
117.5983, 112.2072

■ 3.9806, 4.8974,
3.5819

134.6581,
148.8292, 143.4586

■ 1.6911, 2.1872,
1.3989

168.1063,
185.1510, 180.0325

■ 0.4507, 0.7130,
0.1409

206.6798,

■ 0.0000, 0.0000,

226.9482, 222.3475

0.0000

250.7441,
274.6051, 270.8221

■ 31.5096, 35.8961,
32.0560

■ 31.5096, 35.8961,
32.0560

■ 28.2310, 34.3442,
25.7019

■ 35.1986, 37.6400,
39.4072

■ 25.3453, 32.9732,
20.2997

■ 39.3090, 39.5776,
47.7934

■ 22.8381, 31.7775,
15.8042

■ 43.8548, 41.7164,
57.2535

■ 20.6926, 30.7498,
12.1657

■ 48.8486, 44.0621,
67.8234

■ 18.8911, 29.8821,
9.3295

■ 54.3026, 46.6200,
79.5377

■ 17.4141, 29.1654,
7.2348

■ 60.2282, 49.3956,
92.4293

■ 16.2397, 28.5903,
5.8119

■ 65.6214, 51.9877,
101.1837

■ 15.3430, 28.1455,
4.9782

■ 69.6462, 54.0626,
101.3721

■ 14.8288, 27.8883,
4.6014

■ 72.9269, 55.7538,
101.5256

Harmonies

Analogous

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



33.1179, 35.8961, 29.6395



31.5096, 35.8961, 32.0560



30.6170, 35.8961, 36.4859

Triad

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



31.5096, 35.8961, 32.0560



33.1982, 35.8961, 50.4239



37.8531, 35.8961, 36.2624

Complementary

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



31.5096, 35.8961, 32.0560



31.5069, 30.4786, 40.3006

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.



37.8766, 35.8961, 41.8041



31.5096, 35.8961, 32.0560



35.1384, 35.8961, 50.3495

Square

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



31.5096, 35.8961, 32.0560



31.5665, 35.8961, 47.2670



36.8669, 35.8961, 47.0724



36.8038, 35.8961, 31.9058

Rectangle

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



31.5096, 35.8961, 32.0560



30.5253, 35.8961, 40.1500



36.8669, 35.8961, 47.0724



37.9825, 35.8961, 38.0385

Sweetspot

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



31.5106, 35.8976, 32.0568



62.8806, 67.8384, 69.5061



33.3570, 35.1906, 31.8230



13.9577, 15.1272, 15.3256



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.



31.5106, 35.8976, 32.0568



55.5516, 64.3742, 54.9756



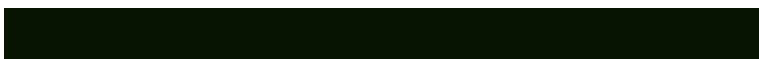
30.7552, 35.4701, 33.7438



7.6306, 8.5077, 8.0292



11.5393, 21.6460, 3.5699



0.3302, 0.5521, 0.0892

Inverse Universe

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



31.5069, 30.4786, 40.3006



55.5432, 52.7086, 72.7216



32.3564, 30.9603, 38.3614



7.6300, 7.5574, 9.4749



11.2397, 5.1777, 28.3825



0.3200, 0.1499, 0.6927

Previews

White Background



This preview shows how the XYZ color 31.5096, 35.8961, 32.0560 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 31.5096, 35.8961, 32.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

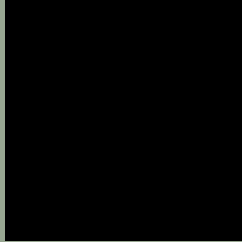
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5096, 35.8961, 32.0560

Background



This preview shows how black text looks on a background with the XYZ color 31.5096, 35.8961, 32.0560.



This preview shows how white text looks on a background with the XYZ color 31.5096, 35.8961,

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

31.5096, 35.8961, 32.0560

Protanopia

33.9895, 35.8777, 30.7248

Deuteranopia

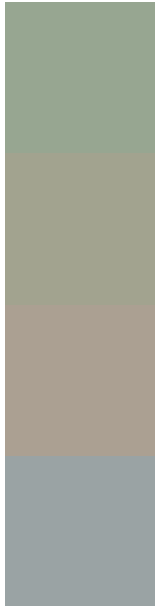
36.4463, 35.8286, 32.5984



Tritanopia

34.3685, 36.0037, 45.6954

Trichromacy



Original Color

31.5096, 35.8961, 32.0560

Protanomaly

32.9554, 35.8589, 31.1711

Deuteranomaly

34.5537, 35.8749, 32.2975

Tritanomaly

33.1245, 35.7447, 40.2755

Monochromacy



Original Color

31.5096, 35.8961, 32.0560

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.4634, 35.2417, 35.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5096, 35.8961, 32.0560 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(151, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 166, 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(151, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 166, 145) }
```

Border

The CSS property to change the border of an element to XYZ 31.5096, 35.8961, 32.0560 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(151, 166, 145) }
```


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

```
.border{ border-color:rgb(151, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(151, 166,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5096, 35.8961, 32.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 166, 145) }
```

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

```
.background{ background-color: rgb(151,  
166, 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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