

Converting Colors

XYZ(31.6008, 35.2151, 31.0389)

Have a look what the booklet for
XYZ(31.6008, 35.2151, 31.0389)
contains.

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Color

**XYZ(31.5727, 35.1461,
31.1064)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA38F
RGB	155, 163, 143
RGB Percent	61%, 64%, 56%
CMY	0.3922, 0.3608, 0.4392
CMYK	0.05, 0.00, 0.12, 0.36
HSL	84°, 10%, 60%
HSV	84°, 12%, 64%
XYZ	31.5727, 35.1461, 31.1064
YIQ	158.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

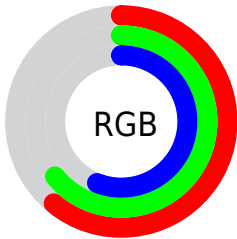
Format	Color
RYB	143, 163, 151
Decimal	10199951
CIELab	65.86, -6.57, 9.42
CIELCh	66, 11.487, 124.913
Yxy	35.1461, 0.3227, 0.3593
Android (android.graphics.Color)	4288390031 (0xFF9BA38F)
YUV	158.3280, -7.5567, -2.9187
Hunter-Lab	59.2841, -8.6843, 10.3894

Details

The XYZ color **31.5727, 35.1461, 31.1064** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1971, 28.8695, 38.6857**, and the grayscale version is **32.6819, 34.3839, 37.4440**.

A 20% lighter version of the original color is **61.4439, 67.7293, 62.6580**, and **13.3691, 15.1022, 12.5663** is the 20% darker color. If you saturate the color by 10%, you get **29.2088, 34.0610, 25.0116**, and if you desaturate by 10%, it is **34.1856, 36.3409, 38.1510**.

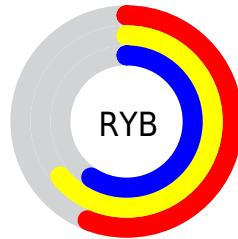
Distribution



Red (61%)

Green (64%)

Blue (56%)



Red (56%)

Yellow (64%)

Blue (59%)

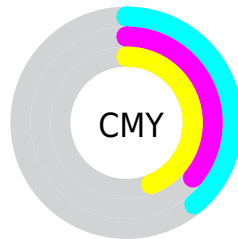


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5727, 35.1461, 31.1064 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 31.5727, 35.1461, 31.1064 by changing the saturation by 10% instead.

■ 31.5727, 35.1461,
31.1064

■ 31.5727, 35.1461,
31.1064

300.9481,
325.2127, 321.3946

■ 21.1893, 23.7754,
20.4207

■ 61.5103, 67.7120,
62.4891

■ 13.3757, 15.1671,
12.5141

■ 81.7953, 89.6761,
84.0232

■ 7.7665, 8.9368,
6.9681

106.1115,
115.9401, 110.0105

■ 3.9965, 4.7000,
3.3640

134.8242,
146.8884, 140.8696

■ 1.7001, 2.0723,
1.2834

168.2989,
182.9054, 177.0191

■ 0.4564, 0.6490,
0.0481

206.9009,

■ 0.0000, 0.0000,

224.3756, 218.8773

0.0000

250.9955,
271.6832, 266.8630

■ 31.5727, 35.1461,
31.1064

■ 31.5727, 35.1461,
31.1064

■ 29.2088, 34.0610,
25.0116

■ 34.1856, 36.3409,
38.1510

■ 27.0823, 33.0773,
19.8236

■ 37.0529, 37.6443,
46.1813

■ 25.1847, 32.1928,
15.4997


■ 40.1834, 39.0610,
55.2341


■ 23.5061, 31.4034,
11.9927


■ 43.5846, 40.5942,
65.3437


■ 22.0354, 30.7044,
9.2509


■ 47.2637, 42.2467,
76.5427

 20.7607, 30.0909,
7.2167


 51.2275, 44.0216,
88.8624


 19.6681, 29.5574,
5.8244

 55.1420, 45.7852,
100.5389

 18.7417, 29.0972,
4.9958

 56.9288, 46.7063,
100.6225

 18.1119, 28.7806,
4.6006

 58.7908, 47.6662,
100.7096

Harmonies

Analogous

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



33.1267, 35.1461, 29.6936



31.5727, 35.1461, 31.1064



30.5369, 35.1461, 34.4418

Triad

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



31.5727, 35.1461, 31.1064



32.0411, 35.1461, 47.3690



36.7623, 35.1461, 37.4735

Complementary

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



31.5727, 35.1461, 31.1064



29.1971, 28.8695, 38.6857

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.



36.4479, 35.1461, 42.3679



31.5727, 35.1461, 31.1064



33.6855, 35.1461, 48.3523

Square

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



31.5727, 35.1461, 31.1064



30.8009, 35.1461, 43.8686



35.3075, 35.1461, 46.4525



36.1526, 35.1461, 33.1659

Rectangle

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



31.5727, 35.1461, 31.1064



30.2600, 35.1461, 37.4457



35.3075, 35.1461, 46.4525



36.7614, 35.1461, 39.1025

Sweetspot

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



31.5737, 35.1476, 31.1072



60.3439, 64.6808, 65.9191



31.1300, 31.9041, 30.5045



13.4745, 14.4912, 14.5911



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.



31.5737, 35.1476, 31.1072



55.2238, 62.3385, 52.2499



29.7332, 34.1988, 31.0210



7.3739, 8.0952, 7.5540



14.1278, 22.3936, 3.5778



0.3481, 0.4969, 0.0776

Inverse Universe

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



29.1971, 28.8695, 38.6857



50.0327, 48.6245, 68.8046



31.1325, 29.8672, 38.7762



6.9562, 6.9918, 8.8860



6.8917, 2.9593, 27.1377



0.1974, 0.0893, 0.5727

Previews

White Background



This preview shows how the XYZ color 31.5727, 35.1461, 31.1064 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 31.5727, 35.1461, 31.1064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

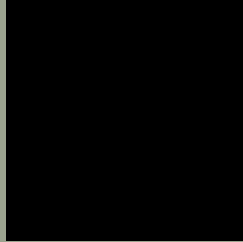
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

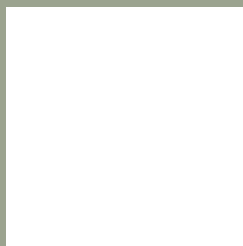
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5727, 35.1461, 31.1064

Background



This preview shows how black text looks on a background with the XYZ color 31.5727, 35.1461, 31.1064.



This preview shows how white text looks on a background with the XYZ color 31.5727, 35.1461,

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

31.5727, 35.1461, 31.1064

Protanopia

33.1422, 34.9349, 30.1956

Deuteranopia

35.7225, 34.9793, 31.6570



Tritanopia

34.0469, 35.1075, 43.5100

Trichromacy



Original Color

31.5727, 35.1461, 31.1064

Protanomaly

32.5575, 34.8811, 30.6080

Deuteranomaly

34.1043, 34.8982, 31.3241

Tritanomaly

33.1044, 34.9839, 38.7260

Monochromacy



Original Color

31.5727, 35.1461, 31.1064

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2252, 34.6096, 35.1189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5727, 35.1461, 31.1064 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, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(155, 163, 143)  
}
```

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, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 163, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.5727, 35.1461, 31.1064 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, 163, 143) }
```


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

```
.border{ border-color:rgb(155, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(155, 163,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5727, 35.1461, 31.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 163, 143) }
```

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

```
.background{ background-color: rgb(155,  
163, 143) }
```

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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