

Converting Colors

XYZ(31.9314, 37.7877, 36.1944)

Have a look what the booklet for
XYZ(31.9314, 37.7877, 36.1944)
contains.

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Color

**XYZ(31.9130, 37.6778,
36.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAC9A
RGB	143, 172, 154
RGB Percent	56%, 67%, 60%
CMY	0.4392, 0.3255, 0.3961
CMYK	0.17, 0.00, 0.10, 0.33
HSL	143°, 15%, 62%
HSV	143°, 17%, 67%
XYZ	31.9130, 37.6778, 36.1624
YIQ	161.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

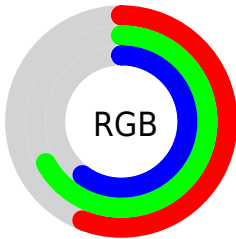
Format	Color
RYB	143, 164, 172
Decimal	9415834
CIELab	67.78, -13.61, 5.95
CIElCh	68, 14.854, 156.393
Yxy	37.6778, 0.3018, 0.3563
Android (android.graphics.Color)	4287605914 (0xFF8FAC9A)
YUV	161.2770, -3.5876, -16.0289
Hunter-Lab	61.3822, -14.6157, 8.0378

Details

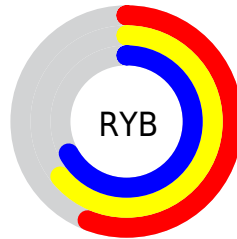
The XYZ color **31.9130, 37.6778, 36.1624** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.2701, 30.9898, 37.9481**, and the grayscale version is **34.0260, 35.7980, 38.9840**.

A 20% lighter version of the original color is **61.8802, 71.3626, 70.1874**, and **13.5783, 16.6875, 15.3373** is the 20% darker color. If you saturate the color by 10%, you get **28.3107, 35.9200, 31.5569**, and if you desaturate by 10%, it is **36.0531, 39.7058, 41.2076**.

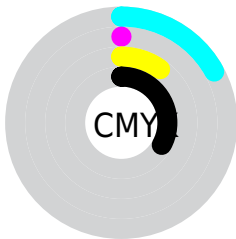
Distribution



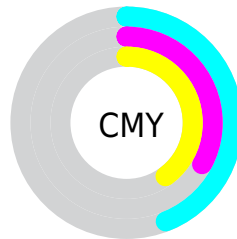
- Red (56%)
- Green (67%)
- Blue (60%)



- Red (56%)
- Yellow (64%)
- Blue (67%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9130, 37.6778, 36.1624 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 31.9130, 37.6778, 36.1624 by changing the saturation by 10% instead.

■ 31.9130, 37.6778,
36.1624

■ 31.9130, 37.6778,
36.1624

302.4751,
336.2358, 344.7287

■ 21.4503, 25.7327,
24.2690

■ 62.0408, 71.6140,
70.4545

■ 13.5679, 16.6238,
15.3192

■ 82.4366, 94.3739,
93.6903

■ 7.9004, 9.9666,
8.8946

106.8741,
121.5076, 121.5439

■ 4.0826, 5.3768,
4.5766

135.7187,
153.3994, 154.4339

■ 1.7489, 2.4700,
1.9467

169.3357,
190.4337, 192.7788

■ 0.4866, 0.8616,
0.5222

208.0906,

■ 0.0000, 0.0000,

232.9950, 236.9972

0.0000

252.3486,
281.4675, 287.5077

■ 31.9130, 37.6778,
36.1624

■ 31.9130, 37.6778,
36.1624

■ 28.3107, 35.9200,
31.5569

■ 36.0531, 39.7058,
41.2076

■ 25.2203, 34.4162,
27.3767

■ 40.7492, 42.0100,
46.7014

■ 22.6183, 33.1555,
23.6105

■ 46.0226, 44.6022,
52.6554

■ 20.4782, 32.1245,
20.2454

■ 51.8925, 47.4921,
59.0800

■ 18.7708, 31.3084,
17.2678

■ 58.3770, 50.6889,
65.9856

■ 17.4635, 30.6908,
14.6632

■ 65.4938, 54.2014,
73.3819

■ 16.5184, 30.2523,
12.4164

■ 70.0996, 56.4090,
81.1307

■ 15.8822, 29.9659,
10.5103

■ 71.6346, 57.0230,
89.2142

■ 15.7142, 29.8909,
9.9783

■ 73.2629, 57.6744,
97.7888

Harmonies

Analogous

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



33.2531, 37.6778, 31.6571



31.9130, 37.6778, 36.1624



31.5970, 37.6778, 42.4502

Triad

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



31.9130, 37.6778, 36.1624



36.3060, 37.6778, 54.9312



39.4879, 37.6778, 33.9644

Complementary

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



31.9130, 37.6778, 36.1624



33.2701, 30.9898, 37.9481

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.



40.3852, 37.6778, 39.6315



31.9130, 37.6778, 36.1624



38.4981, 37.6778, 52.0789

Square

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



31.9130, 37.6778, 36.1624



34.0710, 37.6778, 53.7488



40.0155, 37.6778, 46.3044



37.6106, 37.6778, 30.4862

Rectangle

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



31.9130, 37.6778, 36.1624



31.9972, 37.6778, 46.9119



40.0155, 37.6778, 46.3044



39.9178, 37.6778, 35.6519

Sweetspot

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



31.9140, 37.6794, 36.1632



66.8372, 72.7321, 76.4590



34.4838, 39.1052, 31.7178



14.4050, 15.7474, 16.4736



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.



31.9140, 37.6794, 36.1632



55.4997, 67.1826, 62.5909



33.1618, 38.1785, 42.7340



8.0255, 8.9877, 9.1591



11.7184, 22.2526, 7.5566



0.3531, 0.6299, 0.3529

Inverse Universe

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



33.2701, 30.9898, 37.9481



58.3979, 52.8838, 66.4039



32.0929, 30.5189, 31.7490



8.2063, 8.0958, 9.3973



14.6537, 7.3240, 11.0876



0.4331, 0.2139, 0.4427

Previews

White Background



This preview shows how the XYZ color 31.9130, 37.6778, 36.1624 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 31.9130, 37.6778, 36.1624 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

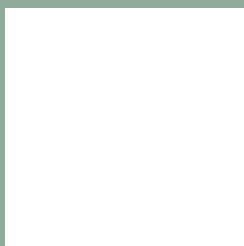
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9130, 37.6778, 36.1624

Background



This preview shows how black text looks on a background with the XYZ color 31.9130, 37.6778, 36.1624.



This preview shows how white text looks on a background with the XYZ color 31.9130, 37.6778,

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

31.9130, 37.6778, 36.1624

Protanopia

35.5751, 37.4109, 34.2002

Deuteranopia

38.2511, 37.4209, 37.1052



Tritanopia

34.5559, 37.6374, 49.1595

Trichromacy



Original Color

31.9130, 37.6778, 36.1624

Protanomaly

34.1026, 37.4489, 34.7091

Deuteranomaly

35.6384, 37.3862, 36.7904

Tritanomaly

33.3927, 37.4272, 43.9923

Monochromacy



Original Color

31.9130, 37.6778, 36.1624

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9531, 36.2489, 37.6077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9130, 37.6778, 36.1624 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(143, 172, 154) looks like.

```
.text, #text, p{  
    color:rgb(143, 172, 154)  
}
```

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(143, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 172, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.9130, 37.6778, 36.1624 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(143, 172, 154) }
```


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

```
.border{ border-color:rgb(143, 172, 154) }
```

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

Here you see how a box with a 4 pixel rgb(143, 172, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 172,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9130, 37.6778, 36.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 172, 154) }
```

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

```
.background{ background-color: rgb(143,  
172, 154) }
```

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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