

Converting Colors

XYZ(31.6942, 36.6413, 33.1791)

Have a look what the booklet for
XYZ(31.6942, 36.6413, 33.1791)
contains.

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Color

**XYZ(31.6635, 36.5014,
32.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	95A893
RGB	149, 168, 147
RGB Percent	58%, 66%, 58%
CMY	0.4157, 0.3412, 0.4235
CMYK	0.11, 0.00, 0.13, 0.34
HSL	114°, 11%, 62%
HSV	114°, 13%, 66%
XYZ	31.6635, 36.5014, 32.9804
YIQ	159.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

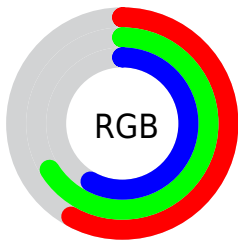
Format	Color
RYB	147, 168, 166
Decimal	9808019
CIELab	66.90, -10.72, 8.62
CIElCh	67, 13.755, 141.210
Yxy	36.5014, 0.3130, 0.3609
Android (android.graphics.Color)	4287998099 (0xFF95A893)
YUV	159.9250, -6.3720, -9.5812
Hunter-Lab	60.4164, -12.1790, 9.9260

Details

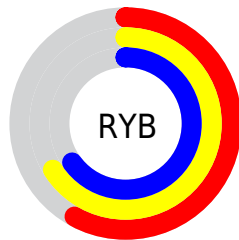
The XYZ color **31.6635, 36.5014, 32.9804** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2290, 31.8026, 41.4348**, and the grayscale version is **33.4098, 35.1497, 38.2780**.

A 20% lighter version of the original color is **61.5589, 69.6889, 65.4651**, and **13.3937, 15.9320, 13.4356** is the 20% darker color. If you saturate the color by 10%, you get **27.8458, 34.6757, 26.4153**, and if you desaturate by 10%, it is **36.0378, 38.5939, 40.5781**.

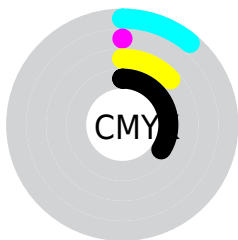
Distribution



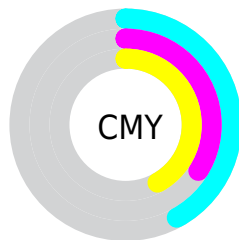
- Red (58%)
- Green (66%)
- Blue (58%)



- Red (58%)
- Yellow (66%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6635, 36.5014, 32.9804 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 31.6635, 36.5014, 32.9804 by changing the saturation by 10% instead.

■ 31.6635, 36.5014,
32.9804

■ 31.6635, 36.5014,
32.9804

301.3561,
331.1468, 330.1907

■ 21.2589, 24.8217,
21.8404

■ 61.6520, 69.8053,
65.4606

■ 13.4269, 15.9443,
13.5425

■ 81.9665, 92.1982,
87.6379

■ 7.8022, 9.4847,
7.6681

106.3151,
118.9310, 114.3314

■ 4.0194, 5.0587,
3.7986

135.0631,
150.3881, 145.9596

■ 1.7131, 2.2817,
1.5155

168.5759,
186.9538, 182.9411

■ 0.4645, 0.7640,
0.2294

207.2187,

■ 0.0000, 0.0000,

229.0125, 225.6945

0.0000

251.3570,
276.9488, 274.6381

■ 31.6635, 36.5014,
32.9804

■ 31.6635, 36.5014,
32.9804

■ 27.8458, 34.6757,
26.4153

■ 36.0378, 38.5939,
40.5781

■ 24.5594, 33.1016,
20.8361

■ 40.9867, 40.9583,
49.2478

■ 21.7817, 31.7695,
16.1959

■ 46.5310, 43.6058,
59.0298

■ 19.4871, 30.6673,
12.4430

■ 52.6896, 46.5451,
69.9613

■ 17.6479, 29.7819,
9.5209

■ 59.4807, 49.7848,
82.0782

■ 16.2335, 29.0989,
7.3665

■ 66.9215, 53.3333,
95.4145

■ 15.2094, 28.6023,
5.9076

■ 73.2933, 56.4867,
101.6478

■ 14.5359, 28.2731,
5.0585

■ 14.2169, 28.1168,
4.6778

Harmonies

Analogous

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



33.2641, 36.5014, 29.9781



31.6635, 36.5014, 32.9804



30.8829, 36.5014, 38.0161

Triad

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



31.6635, 36.5014, 32.9804



34.0848, 36.5014, 52.1955



38.5641, 36.5014, 35.7356

Complementary

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



31.6635, 36.5014, 32.9804



33.2290, 31.8026, 41.4348

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.



38.8053, 36.5014, 41.5231



31.6635, 36.5014, 32.9804



36.1632, 36.5014, 51.4288

Square

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



31.6635, 36.5014, 32.9804



32.2437, 36.5014, 49.3747



37.9109, 36.5014, 47.3739



37.2644, 36.5014, 31.4546

Rectangle

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



31.6635, 36.5014, 32.9804



30.9101, 36.5014, 42.0164



37.9109, 36.5014, 47.3739



38.7737, 36.5014, 37.5547

Sweetspot

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



31.6645, 36.5030, 32.9812



64.0768, 69.4018, 71.3369



35.0345, 37.6693, 33.0287



13.8347, 15.0639, 15.3198



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.



31.6645, 36.5030, 32.9812



55.4356, 65.2697, 56.3570



31.9865, 36.5900, 36.5645



7.5006, 8.4406, 8.0232



10.7566, 21.2425, 3.5333



0.2816, 0.5271, 0.0869

Inverse Universe

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



33.2290, 31.8026, 41.4348



58.8387, 55.0436, 74.7484



32.8937, 31.7173, 37.4642



7.7705, 7.6298, 9.4815



15.1401, 7.1885, 28.5650



0.3880, 0.1850, 0.6959

Previews

White Background



This preview shows how the XYZ color 31.6635, 36.5014, 32.9804 looks on a white background.

Color Contrast Check

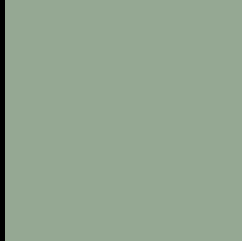
Large Text (above 18pt) WCAG AA × Fail

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 31.6635, 36.5014, 32.9804 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

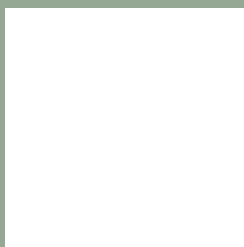
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6635, 36.5014, 32.9804

Background



This preview shows how black text looks on a background with the XYZ color 31.6635, 36.5014, 32.9804.



This preview shows how white text looks on a background with the XYZ color 31.6635, 36.5014,

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

31.6635, 36.5014, 32.9804

Protanopia

34.5319, 36.4003, 31.5915

Deuteranopia

37.0102, 36.3511, 33.4996



Tritanopia

34.5377, 36.5953, 46.8382

Trichromacy



Original Color

31.6635, 36.5014, 32.9804

Protanomaly

33.2866, 36.2766, 32.0358

Deuteranomaly

34.8848, 36.2858, 33.1822

Tritanomaly

33.2870, 36.3388, 41.3361

Monochromacy



Original Color

31.6635, 36.5014, 32.9804

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.7239, 35.6289, 36.1627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6635, 36.5014, 32.9804 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(149, 168, 147) looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 147)  
}
```

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(149, 168, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 147) }
```

Border

The CSS property to change the border of an element to XYZ 31.6635, 36.5014, 32.9804 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(149, 168, 147) }
```


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

```
.border{ border-color:rgb(149, 168, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6635, 36.5014, 32.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 147) }
```

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

```
.background{ background-color: rgb(149,  
168, 147) }
```

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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