

Converting Colors

XYZ(30.8920, 31.4909, 30.0362)

Have a look what the booklet for
XYZ(30.8920, 31.4909, 30.0362)
contains.

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Color

**XYZ(30.8931, 31.5522,
30.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	A3968E
RGB	163, 150, 142
RGB Percent	64%, 59%, 56%
CMY	0.3608, 0.4117, 0.4431
CMYK	0.00, 0.08, 0.13, 0.36
HSL	23°, 10%, 60%
HSV	23°, 13%, 64%
XYZ	30.8931, 31.5522, 30.0531
YIQ	152.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

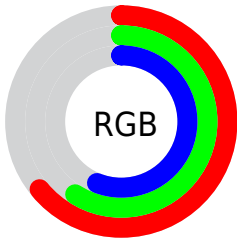
Format	Color
R_{YB}	163, 155, 142
Decimal	10720910
CIE _{Lab}	62.97, 3.39, 5.94
CIE _{LCh}	63, 6.836, 60.314
Yxy	31.5522, 0.3340, 0.3411
Android (android.graphics.Color)	4288910990 (0xFFA3968E)
YUV	152.9750, -5.4107, 8.7919
Hunter-Lab	56.1713, -0.1285, 7.5983

Details

The XYZ color **30.8931, 31.5522, 30.0531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4874, 31.8372, 39.2418**, and the grayscale version is **30.2877, 31.8651, 34.7011**.

A 20% lighter version of the original color is **60.4701, 62.0767, 61.0194**, and **12.9492, 13.0759, 11.9666** is the 20% darker color. If you saturate the color by 10%, you get **28.2168, 28.0168, 23.5583**, and if you desaturate by 10%, it is **33.8887, 35.4392, 37.5381**.

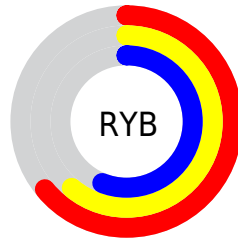
Distribution



Red (64%)

Green (59%)

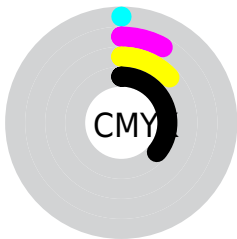
Blue (56%)



Red (64%)

Yellow (61%)

Blue (56%)

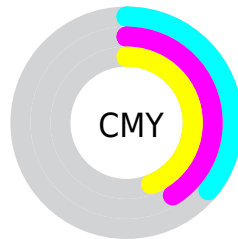


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8931, 31.5522, 30.0531 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 30.8931, 31.5522, 30.0531 by changing the saturation by 10% instead.

■ 30.8931, 31.5522,
30.0531

■ 30.8931, 31.5522,
30.0531

297.8812,
309.0743, 316.3669

■ 20.6689, 21.0197,
19.6265

■ 60.4487, 62.1084,
60.8081

■ 12.9933, 13.1384,
11.9425

■ 80.5108, 82.9009,
81.9737

■ 7.5009, 7.5239,
6.5824

■ 104.5830,
107.8822, 107.5559

■ 3.8264, 3.7919,
3.1279

133.0305,
137.4367, 137.9734

■ 1.6044, 1.5578,
1.1603

166.2187,
171.9487, 173.6447

■ 0.3953, 0.3289,
0.0000

204.5130,

■ 0.0000, 0.0000,

211.8028, 214.9884

0.0000

248.2787,
257.3831, 262.4229

■ 30.8931, 31.5522,
30.0531

■ 30.8931, 31.5522,
30.0531

■ 28.2168, 28.0168,
23.5583

■ 33.8887, 35.4392,
37.5381

■ 25.8461, 24.8188,
18.0097

■ 37.2117, 39.6832,
46.0508

■ 23.7698, 21.9490,
13.3631

■ 40.8731, 44.2949,
55.6288

■ 21.9753, 19.3963,
9.5700

■ 44.8824, 49.2831,
66.3077

■ 20.4487, 17.1489,
6.5770

■ 49.2489, 54.6564,
78.1211

■ 19.1748, 15.1940,
4.3248

■ 53.9816, 60.4230,
91.1013

■ 18.1368, 13.5179,
2.7457

■ 58.9110, 66.5198,
104.3424

■ 17.3149, 12.1052,
1.7591

■ 61.6491, 71.9960,
105.2551

■ 16.8335, 11.2448,
1.2832

■ 64.5499, 77.7976,
106.2220

Harmonies

Analogous

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



31.5763, 31.5522, 31.8090



30.8931, 31.5522, 30.0531



29.9795, 31.5522, 29.4363

Triad

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



30.8931, 31.5522, 30.0531



28.2188, 31.5522, 34.3833



30.9106, 31.5522, 39.0181

Complementary

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



30.8931, 31.5522, 30.0531



29.4874, 31.8372, 39.2418

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.



29.9993, 31.5522, 39.7932



30.8931, 31.5522, 30.0531



28.4566, 31.5522, 37.0333

Square

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



30.8931, 31.5522, 30.0531



28.4471, 31.5522, 31.8557



29.1035, 31.5522, 39.0490



31.5865, 31.5522, 36.9817

Rectangle

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



30.8931, 31.5522, 30.0531



29.3666, 31.5522, 29.7275



29.1035, 31.5522, 39.0490



30.6210, 31.5522, 39.4394

Sweetspot

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



30.8940, 31.5536, 30.0538



60.0222, 62.6061, 65.5356



30.7193, 29.5096, 35.2198



13.3899, 13.9438, 14.4899



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.



30.8940, 31.5536, 30.0538



54.1288, 54.9362, 50.8788



32.5926, 34.9509, 30.6200



7.2847, 7.5078, 7.4453



13.1237, 8.8214, 1.0110



0.3205, 0.2748, 0.0362

Inverse Universe

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



29.4874, 31.8372, 39.2418



51.1897, 55.5284, 70.0762



27.8615, 28.5853, 38.6998



7.0483, 7.5555, 8.9900



8.7905, 9.3604, 28.2732



0.2282, 0.2836, 0.6086

Previews

White Background



This preview shows how the XYZ color 30.8931, 31.5522, 30.0531 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 30.8931, 31.5522, 30.0531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

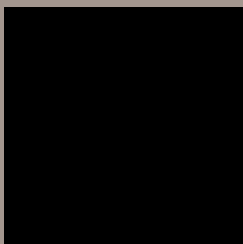
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

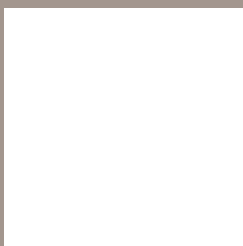
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8931, 31.5522, 30.0531

Background



This preview shows how black text looks on a background with the XYZ color 30.8931, 31.5522, 30.0531.



This preview shows how white text looks on a background with the XYZ color 30.8931, 31.5522,

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

30.8931, 31.5522, 30.0531

Protanopia

30.0908, 31.6077, 30.5015

Deuteranopia

32.1862, 31.5085, 30.3720



Tritanopia

32.2088, 31.3700, 37.1583

Trichromacy



Original Color

30.8931, 31.5522, 30.0531

Protanomaly

30.3226, 31.4873, 30.4661

Deuteranomaly

31.6963, 31.4878, 30.3938

Tritanomaly

31.6495, 31.3722, 34.5243

Monochromacy



Original Color

30.8931, 31.5522, 30.0531

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5577, 31.7945, 32.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8931, 31.5522, 30.0531 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(163, 150, 142)` looks like.

```
.text, #text, p{  
    color:rgb(163, 150, 142)  
}
```

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(163, 150, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 150, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.8931, 31.5522, 30.0531 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(163, 150, 142) }
```


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

```
.border{ border-color:rgb(163, 150, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 150, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 150, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 150, 142);  
box-shadow:4px 4px 4px 4px rgb(163, 150,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8931, 31.5522, 30.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 150, 142) }
```

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

```
.background{ background-color: rgb(163,  
150, 142) }
```

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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