

Converting Colors

XYZ(30.9099, 33.9476, 32.7842)

Have a look what the booklet for
XYZ(30.9099, 33.9476, 32.7842)
contains.

XYZ(31.0530, 34.0520, 32.9530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0530, 34.0520,
32.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	99A094
RGB	153, 160, 148
RGB Percent	60%, 63%, 58%
CMY	0.4000, 0.3725, 0.4196
CMYK	0.04, 0.00, 0.08, 0.37
HSL	95°, 6%, 60%
HSV	95°, 8%, 63%
XYZ	31.0530, 34.0520, 32.9530
YIQ	156.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

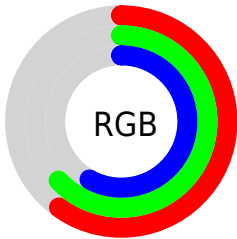
Format	Color
RYB	148, 160, 155
Decimal	10068116
CIELab	65.00, -4.78, 5.38
CIELCh	65, 7.202, 131.634
Yxy	34.0520, 0.3167, 0.3473
Android (android.graphics.Color)	4288258196 (0xFF99A094)
YUV	156.5390, -4.2097, -3.1037
Hunter-Lab	58.3541, -7.1313, 7.3663

Details

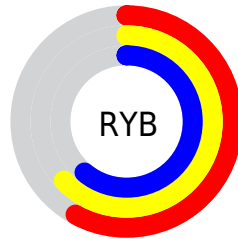
The XYZ color **31.0530, 34.0520, 32.9530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4538, 30.6873, 37.5775**, and the grayscale version is **31.8600, 33.5192, 36.5025**.

A 20% lighter version of the original color is **60.6932, 66.1305, 65.4427**, and **13.1058, 14.6251, 13.4414** is the 20% darker color. If you saturate the color by 10%, you get **28.1798, 32.7081, 26.6582**, and if you desaturate by 10%, it is **34.2411, 35.5399, 40.1779**.

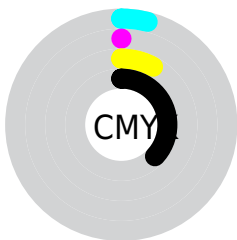
Distribution



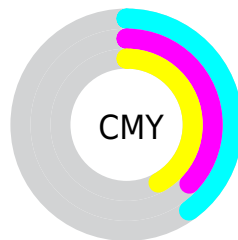
- Red (60%)
- Green (63%)
- Blue (58%)



- Red (58%)
- Yellow (63%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0530, 34.0520, 32.9530 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 31.0530, 34.0520, 32.9530 by changing the saturation by 10% instead.

■ 31.0530, 34.0520,
32.9530

■ 31.0530, 34.0520,
32.9530

298.6049,
320.3639, 330.0634

■ 20.7912, 22.9335,
21.8196

■ 60.6988, 66.0145,
65.4173

■ 13.0831, 14.5444,
13.5274

■ 80.8135, 87.6274,
87.5853

■ 7.5632, 8.5003,
7.6577

104.9433,
113.5072, 114.2686

■ 3.8662, 4.4167,
3.7921

133.4534,
144.0383, 145.8858

■ 1.6267, 1.9093,
1.5120

166.7093,
179.6051, 182.8553

■ 0.4097, 0.5540,
0.2268

205.0763,

■ 0.0000, 0.0000,

220.5921, 225.5957

0.0000

248.9197,
267.3835, 274.5255

■ 31.0530, 34.0520,
32.9530

■ 31.0530, 34.0520,
32.9530

■ 28.1798, 32.7081,
26.6582

■ 34.2411, 35.5399,
40.1779

■ 25.6083, 31.4995,
21.2535

■ 37.7510, 37.1717,
48.3662

■ 23.3287, 30.4227,
16.6992

■ 41.5929, 38.9530,
57.5524

■ 21.3292, 29.4728,
12.9521

■ 45.7759, 40.8876,
67.7686

■ 19.5976, 28.6445,
9.9648

■ 50.3083, 42.9792,
79.0453

■ 18.1202, 27.9318,
7.6850

■ 55.1986, 45.2316,
91.4120

■ 16.8820, 27.3283,
6.0541

■ 59.6383, 47.3216,
100.5984

■ 15.8661, 26.8267,
5.0036

■ 62.5150, 48.8046,
100.7331

■ 15.0467, 26.4164,
4.4206

■ 65.5515, 50.3700,
100.8752

Harmonies

Analogous

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



31.9632, 34.0520, 31.7379



31.0530, 34.0520, 32.9530



30.5016, 34.0520, 35.2988

Triad

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



31.0530, 34.0520, 32.9530



31.7384, 34.0520, 42.7911



34.3669, 34.0520, 35.9322

Complementary

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



31.0530, 34.0520, 32.9530



30.4538, 30.6873, 37.5775

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.



34.3036, 34.0520, 38.9137



31.0530, 34.0520, 32.9530



32.7709, 34.0520, 42.9833

Square

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



31.0530, 34.0520, 32.9530



30.8915, 34.0520, 41.0195



33.7143, 34.0520, 41.5311



33.8855, 34.0520, 33.3953

Rectangle

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



31.0530, 34.0520, 32.9530



30.4045, 34.0520, 37.2406



33.7143, 34.0520, 41.5311



34.4089, 34.0520, 36.9136

Sweetspot

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



31.0539, 34.0535, 32.9537



59.4718, 63.2703, 66.7836



31.5651, 33.0557, 32.7342



13.0584, 13.8833, 14.6815



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0539, 34.0535, 32.9537



55.4706, 61.4022, 57.8046



30.2093, 33.6089, 33.3293



6.7995, 7.5293, 7.0806



11.6252, 20.5297, 3.3499



0.2549, 0.3913, 0.0621

Inverse Universe

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



30.4538, 30.6873, 37.5775



54.1528, 54.0108, 67.9575



31.3463, 31.1575, 37.1643



6.6368, 6.6167, 8.3340



8.5376, 3.8303, 26.1966



0.2001, 0.0930, 0.4706

Previews

White Background



This preview shows how the XYZ color 31.0530, 34.0520, 32.9530 looks on a white background.

Color Contrast Check

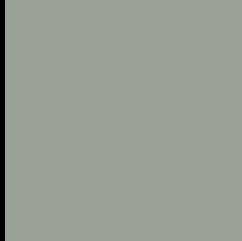
Large Text (above 18pt) WCAG AA × Fail

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 31.0530, 34.0520, 32.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

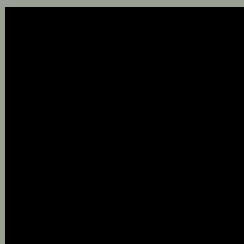
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

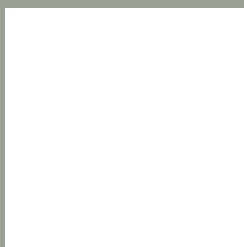
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0530, 34.0520, 32.9530

Background



This preview shows how black text looks on a background with the XYZ color 31.0530, 34.0520, 32.9530.



This preview shows how white text looks on a background with the XYZ color 31.0530, 34.0520,

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

31.0530, 34.0520, 32.9530

Protanopia

32.3495, 33.9758, 32.0471

Deuteranopia

34.6378, 33.8886, 33.5697



Tritanopia

32.9287, 34.0464, 42.3722

Trichromacy



Original Color

31.0530, 34.0520, 32.9530

Protanomaly

31.7914, 33.9312, 32.4776

Deuteranomaly

33.2946, 33.9374, 33.2295

Tritanomaly

32.1775, 33.9955, 38.5841

Monochromacy



Original Color

31.0530, 34.0520, 32.9530

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7699, 33.8547, 35.4320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0530, 34.0520, 32.9530 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(153, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 160, 148)  
}
```

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(153, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 160, 148) }
```

Border

The CSS property to change the border of an element to XYZ 31.0530, 34.0520, 32.9530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

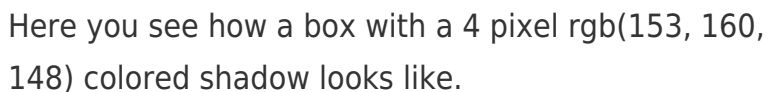
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 160, 148) }
```


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

```
.border{ border-color:rgb(153, 160, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 160, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 160, 148); box-shadow:4px 4px 4px 4px rgb(153, 160, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0530, 34.0520, 32.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 160, 148) }
```

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

```
.background{ background-color: rgb(153,  
160, 148) }
```

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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