

Converting Colors

XYZ(30.9156, 34.4310, 30.6928)

Have a look what the booklet for
XYZ(30.9156, 34.4310, 30.6928)
contains.

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Color

**XYZ(30.9397, 34.5660,
30.6324)**

Conversions

Conversions Part 1

Format	Color
Hex	99A28E
RGB	153, 162, 142
RGB Percent	60%, 64%, 56%
CMY	0.4000, 0.3647, 0.4431
CMYK	0.06, 0.00, 0.12, 0.36
HSL	87°, 10%, 60%
HSV	87°, 12%, 64%
XYZ	30.9397, 34.5660, 30.6324
YIQ	157.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

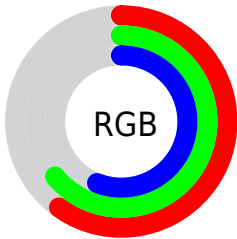
Format	Color
RYB	142, 162, 151
Decimal	10068622
CIELab	65.41, -6.95, 9.31
CIELCh	65, 11.620, 126.747
Yxy	34.5660, 0.3218, 0.3595
Android (android.graphics.Color)	4288258702 (0xFF99A28E)
YUV	157.0290, -7.4093, -3.5334
Hunter-Lab	58.7929, -8.9520, 10.2636

Details

The XYZ color **30.9397, 34.5660, 30.6324** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9585, 28.5349, 38.1658**, and the grayscale version is **32.0936, 33.7650, 36.7701**.

A 20% lighter version of the original color is **60.5088, 66.8766, 61.9439**, and **12.9872, 14.7493, 12.2876** is the 20% darker color. If you saturate the color by 10%, you get **28.4765, 33.4277, 24.6227**, and if you desaturate by 10%, it is **33.6658, 35.8214, 37.5787**.

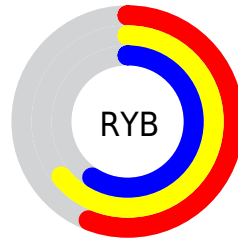
Distribution



Red (60%)

Green (64%)

Blue (56%)



Red (56%)

Yellow (64%)

Blue (59%)

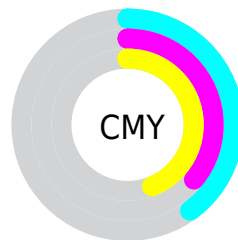


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9397, 34.5660, 30.6324 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 30.9397, 34.5660, 30.6324 by changing the saturation by 10% instead.

■ 30.9397, 34.5660,
30.6324

■ 30.9397, 34.5660,
30.6324

298.0923,
322.6485, 319.1398

■ 20.7045, 23.3288,
20.0630

■ 60.5216, 66.8129,
61.7336

■ 13.0194, 14.8364,
12.2563

■ 80.5991, 88.5913,
83.1025

■ 7.5190, 8.7047,
6.7938

■ 104.6880,
114.6523, 108.9083

■ 3.8380, 4.5491,
3.2570

133.1538,
145.3801, 139.5696

■ 1.6109, 1.9852,
1.2273

166.3617,
181.1593, 175.5048

■ 0.3995, 0.5989,
0.0011

204.6772,

■ 0.0000, 0.0000,

222.3741, 217.1325

0.0000

248.4656,
269.4091, 264.8714

■ 30.9397, 34.5660,
30.6324

■ 30.9397, 34.5660,
30.6324

■ 28.4765, 33.4277,
24.6227

■ 33.6658, 35.8214,
37.5787

■ 26.2642, 32.3981,
19.5073

■ 36.6604, 37.1931,
45.4970

■ 24.2941, 31.4748,
15.2439


■ 39.9328, 38.6859,
54.4236


■ 22.5558, 30.6534,
11.7861


■ 43.4906, 40.3030,
64.3923


■ 21.0380, 29.9292,
9.0829


■ 47.3413, 42.0477,
75.4353


 19.7283, 29.2971,
7.0775


 51.4922, 43.9230,
87.5833

 18.6126, 28.7511,
5.7051

 55.8849, 45.9056,
100.5230

 17.6745, 28.2847,
4.8887

 57.9313, 46.9606,
100.6187

 17.0491, 27.9702,
4.5002

 60.0725, 48.0644,
100.7189

Harmonies

Analogous

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



32.4720, 34.5660, 29.0961



30.9397, 34.5660, 30.6324



29.9455, 34.5660, 34.0655

Triad

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



30.9397, 34.5660, 30.6324



31.5822, 34.5660, 46.8944



36.2029, 34.5660, 36.5490

Complementary

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



30.9397, 34.5660, 30.6324



28.9585, 28.5349, 38.1658

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.



35.9448, 34.5660, 41.4488



30.9397, 34.5660, 30.6324



33.2389, 34.5660, 47.7032

Square

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



30.9397, 34.5660, 30.6324



30.3074, 34.5660, 43.5104



34.8456, 34.5660, 45.6343



35.5392, 34.5660, 32.3166

Rectangle

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



30.9397, 34.5660, 30.6324



29.7019, 34.5660, 37.1085



34.8456, 34.5660, 45.6343



36.2214, 34.5660, 38.1695

Sweetspot

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



30.9406, 34.5675, 30.6331



60.2248, 64.6194, 65.9135



30.8507, 31.7689, 30.0977



13.4431, 14.4750, 14.5896



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.



30.9406, 34.5675, 30.6331



54.8048, 62.1225, 52.2303



29.1316, 33.6349, 30.5485



7.3404, 8.0780, 7.5524



13.4811, 22.0603, 3.5475



0.3367, 0.4911, 0.0770

Inverse Universe

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



28.9585, 28.5349, 38.1658



50.4386, 48.8338, 68.8236



30.8939, 29.5326, 38.2564



6.9890, 7.0087, 8.8875



7.3459, 3.1934, 27.1590



0.2085, 0.0950, 0.5732

Previews

White Background



This preview shows how the XYZ color 30.9397, 34.5660, 30.6324 looks on a white background.

Color Contrast Check

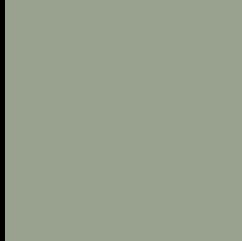
Large Text (above 18pt) WCAG AA × Fail

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 30.9397, 34.5660, 30.6324 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

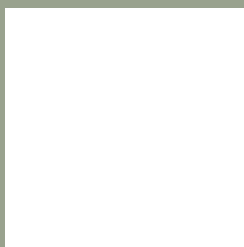
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9397, 34.5660, 30.6324

Background



This preview shows how black text looks on a background with the XYZ color 30.9397, 34.5660, 30.6324.



This preview shows how white text looks on a background with the XYZ color 30.9397, 34.5660,

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

30.9397, 34.5660, 30.6324

Protanopia

32.6864, 34.4542, 29.7385

Deuteranopia

35.0157, 34.3798, 31.1760



Tritanopia

33.3872, 34.5241, 42.9343

Trichromacy



Original Color

30.9397, 34.5660, 30.6324

Protanomaly

31.9038, 34.2964, 30.1377

Deuteranomaly

33.4240, 34.3062, 30.8467

Tritanomaly

32.4536, 34.4023, 38.1875

Monochromacy



Original Color

30.9397, 34.5660, 30.6324

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7759, 34.1312, 34.6190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9397, 34.5660, 30.6324 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, 162, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 162, 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(153, 162, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 162, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.9397, 34.5660, 30.6324 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, 162, 142) }
```


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

```
.border{ border-color:rgb(153, 162, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 162, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 162, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 162, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 162,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9397, 34.5660, 30.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 162, 142) }
```

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

```
.background{ background-color: rgb(153,  
162, 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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