

Converting Colors

XYZ(32.4705, 38.1068, 33.2118)

Have a look what the booklet for
XYZ(32.4705, 38.1068, 33.2118)
contains.

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Color

**XYZ(32.4134, 38.0012,
33.2304)**

Conversions

Conversions Part 1

Format	Color
Hex	95AC93
RGB	149, 172, 147
RGB Percent	58%, 67%, 58%
CMY	0.4157, 0.3255, 0.4235
CMYK	0.13, 0.00, 0.15, 0.33
HSL	115°, 13%, 63%
HSV	115°, 15%, 67%
XYZ	32.4134, 38.0012, 33.2304
YIQ	162.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

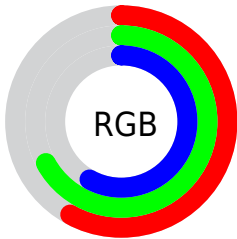
Format	Color
RYB	147, 172, 170
Decimal	9809043
CIELab	68.02, -12.83, 10.21
CIELCh	68, 16.400, 141.498
Yxy	38.0012, 0.3127, 0.3666
Android (android.graphics.Color)	4287999123 (0xFF95AC93)
YUV	162.2730, -7.5296, -11.6404
Hunter-Lab	61.6451, -14.0225, 11.1907

Details

The XYZ color **32.4134, 38.0012, 33.2304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4593, 32.3932, 43.4680**, and the grayscale version is **34.5076, 36.3047, 39.5358**.

A 20% lighter version of the original color is **62.6403, 71.8517, 65.8256**, and **13.8648, 16.8741, 13.5926** is the 20% darker color. If you saturate the color by 10%, you get **28.4699, 36.1138, 26.5193**, and if you desaturate by 10%, it is **36.9532, 40.1749, 41.0245**.

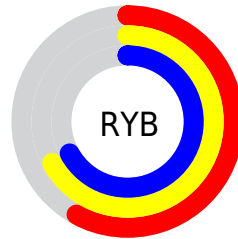
Distribution



Red (58%)

Green (67%)

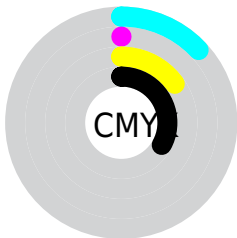
Blue (58%)



Red (58%)

Yellow (67%)

Blue (67%)

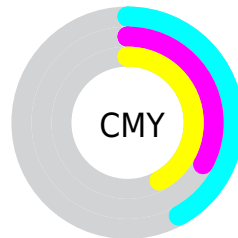


Cyan (13%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (42%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4134, 38.0012, 33.2304 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 32.4134, 38.0012, 33.2304 by changing the saturation by 10% instead.


 32.4134, 38.0012,
33.2304


 32.4134, 38.0012,
33.2304


304.7101,
337.6251, 331.3504

 21.8345, 25.9836,
22.0304


 62.8194, 72.1100,
65.8552

 13.8513, 16.8114,
13.6807


 83.3773, 94.9700,
88.1172

 8.0983, 10.1001,
7.7627


107.9923,
122.2129, 114.9035

 4.2103, 5.4654,
3.8579

137.0296,
154.2231, 146.6329

 1.8218, 2.5228,
1.5477

170.8547,
191.3851, 183.7237

 0.5307, 0.8880,
0.2531

209.8329,

 0.0000, 0.0000,

234.0831, 226.5945

0.0000

254.3296,
282.7017, 275.6639

■ 32.4134, 38.0012,
33.2304

■ 32.4134, 38.0012,
33.2304

■ 28.4699, 36.1138,
26.5193

■ 36.9532, 40.1749,
41.0245

■ 25.0948, 34.4961,
20.8410

■ 42.1094, 42.6409,
49.9439

■ 22.2630, 33.1372,
16.1449

■ 47.9049, 45.4113,
60.0317

■ 19.9459, 32.0238,
12.3753

■ 54.3606, 48.4960,
71.3279

■ 18.1124, 31.1410,
9.4710

■ 61.4965, 51.9045,
83.8707

■ 16.7282, 30.4726,
7.3633

■ 69.3317, 55.6457,
97.6967

■ 15.7542, 30.0002,
5.9730

■ 74.0433, 57.9866,
101.8978

■ 15.1446, 29.7023,
5.2048

■ 14.9306, 29.5980,
4.9261

Harmonies

Analogous

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



34.3504, 38.0012, 29.6305



32.4134, 38.0012, 33.2304



31.4801, 38.0012, 39.3338

Triad

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



32.4134, 38.0012, 33.2304



35.3984, 38.0012, 56.8897



40.8796, 38.0012, 36.4375

Complementary

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



32.4134, 38.0012, 33.2304



34.4593, 32.3932, 43.4680

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.



41.1926, 38.0012, 43.4894



32.4134, 38.0012, 33.2304



37.9472, 38.0012, 55.8778

Square

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



32.4134, 38.0012, 33.2304



33.1496, 38.0012, 53.3777



40.0968, 38.0012, 50.7565



39.2607, 38.0012, 31.3247

Rectangle

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



32.4134, 38.0012, 33.2304



31.5208, 38.0012, 44.2418



40.0968, 38.0012, 50.7565



41.1440, 38.0012, 38.6383

Sweetspot

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



32.4144, 38.0028, 33.2312



67.4444, 73.0752, 75.1262



36.6405, 39.5974, 33.3163



14.5166, 15.8136, 16.0843



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.



32.4144, 38.0028, 33.2312



56.7144, 67.9400, 56.7195



32.9078, 38.1584, 37.7171



7.9617, 8.9688, 8.5249



11.1303, 22.0350, 3.6665



0.3284, 0.6227, 0.1029

Inverse Universe

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



34.4593, 32.3932, 43.4680



61.0462, 56.0547, 78.4079



33.9329, 32.2329, 38.4230



8.2730, 8.1150, 10.0830



16.0921, 7.6556, 29.6741



0.4659, 0.2223, 0.8264

Previews

White Background



This preview shows how the XYZ color 32.4134, 38.0012, 33.2304 looks on a white background.

Color Contrast Check

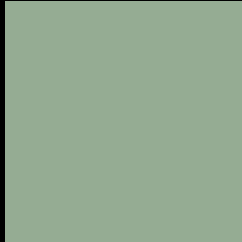
Large Text (above 18pt) WCAG AA × Fail

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 32.4134, 38.0012, 33.2304 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 32.4134, 38.0012, 33.2304

Background



This preview shows how black text looks on a background with the XYZ color 32.4134, 38.0012, 33.2304.



This preview shows how white text looks on a background with the XYZ color 32.4134, 38.0012,

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

32.4134, 38.0012, 33.2304

Protanopia

35.6466, 37.7777, 31.3996

Deuteranopia

38.5693, 37.9084, 34.1384



Tritanopia

35.4856, 37.8437, 49.1503

Trichromacy



Original Color

32.4134, 38.0012, 33.2304

Protanomaly

34.3465, 37.9114, 31.8929

Deuteranomaly

35.9339, 37.6051, 33.7984

Tritanomaly

34.2983, 37.9159, 43.0469

Monochromacy



Original Color

32.4134, 38.0012, 33.2304

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.6266, 36.8749, 37.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4134, 38.0012, 33.2304 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, 172, 147) looks like.

```
.text, #text, p{  
    color:rgb(149, 172, 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, 172, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 172, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.4134, 38.0012, 33.2304 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, 172, 147) }
```


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

```
.border{ border-color:rgb(149, 172, 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, 172, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 172, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 172, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 172,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4134, 38.0012, 33.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 172, 147) }
```

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

```
.background{ background-color: rgb(149,  
172, 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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