

Converting Colors

XYZ(32.9067, 40.3706, 29.9892)

Have a look what the booklet for
XYZ(32.9067, 40.3706, 29.9892)
contains.

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Color

**XYZ(32.9203, 40.3711,
30.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	94B38A
RGB	148, 179, 138
RGB Percent	58%, 70%, 54%
CMY	0.4196, 0.2980, 0.4588
CMYK	0.17, 0.00, 0.23, 0.30
HSL	105°, 21%, 62%
HSV	105°, 23%, 70%
XYZ	32.9203, 40.3711, 30.1021
YIQ	165.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

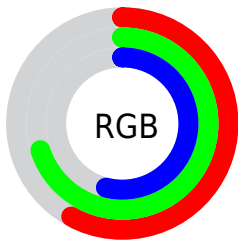
Format	Color
RYB	138, 179, 169
Decimal	9745290
CIELab	69.73, -18.40, 17.53
CIElCh	70, 25.411, 136.394
Yxy	40.3711, 0.3184, 0.3905
Android (android.graphics.Color)	4287935370 (0xFF94B38A)
YUV	165.0570, -13.3391, -14.9590
Hunter-Lab	63.5383, -18.7079, 16.3873

Details

The XYZ color **32.9203, 40.3711, 30.1021** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5891, 29.8678, 46.6447**, and the grayscale version is **35.8562, 37.7235, 41.0809**.

A 20% lighter version of the original color is **63.5799, 75.7790, 61.1450**, and **14.1521, 18.1677, 11.9933** is the 20% darker color. If you saturate the color by 10%, you get **29.4231, 38.7070, 23.7220**, and if you desaturate by 10%, it is **36.9196, 42.2717, 37.6224**.

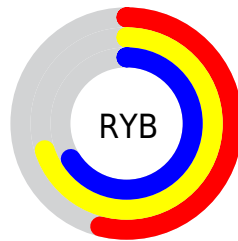
Distribution



Red (58%)

Green (70%)

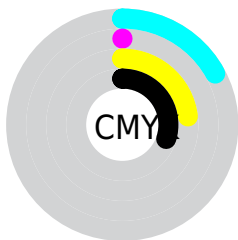
Blue (54%)



Red (54%)

Yellow (70%)

Blue (66%)

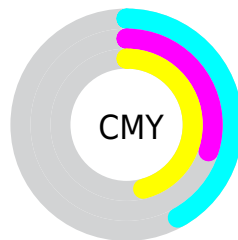


Cyan (17%)

Magenta (0%)

Yellow (23%)

Black (30%)



Cyan (42%)

Magenta (30%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9203, 40.3711, 30.1021 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 32.9203, 40.3711, 30.1021 by changing the saturation by 10% instead.

■ 32.9203, 40.3711,
30.1021

■ 32.9203, 40.3711,
30.1021

306.9618,
347.6852, 316.6022

■ 22.2243, 27.8280,
19.6634

■ 63.6066, 75.7283,
60.8865

■ 14.1394, 18.1960,
11.9690

■ 84.3276, 99.3112,
82.0693

■ 8.3000, 11.0908,
6.6003

■ 109.1211,
127.3427, 107.6705

■ 4.3409, 6.1280,
3.1388

138.3523,
160.2074, 138.1087

■ 1.8968, 2.9230,
1.1659

172.3866,
198.2896, 173.8025

■ 0.5750, 1.0917,
0.0000

211.5894,

■ 0.0000, 0.0000,

241.9737, 215.1703

0.0000

256.3260,
291.6441, 262.6307

■ 32.9203, 40.3711,
30.1021

■ 32.9203, 40.3711,
30.1021

■ 29.4231, 38.7070,
23.7220

■ 36.9196, 42.2717,
37.6224

■ 26.4046, 37.2651,
18.4239

■ 41.4368, 44.4123,
46.3320

■ 23.8440, 36.0370,
14.1485

■ 46.4911, 46.8030,
56.2803

■ 21.7179, 35.0122,
10.8297

■ 52.0997, 49.4515,
67.5131

■ 20.0006, 34.1791,
8.3937

■ 58.2790, 52.3654,
80.0740

■ 18.6634, 33.5246,
6.7560

■ 65.0447, 55.5519,
94.0044

■ 17.6733, 33.0339,
5.8154

■ 71.0456, 58.4715,
102.1493

■ 17.1448, 32.7697,
5.4216

■ 75.4109, 60.7218,
102.3536

Harmonies

Analogous

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



36.1804, 40.3711, 25.5981



32.9203, 40.3711, 30.1021



31.1805, 40.3711, 38.8369

Triad

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



32.9203, 40.3711, 30.1021



36.5393, 40.3711, 69.8783



46.4776, 40.3711, 37.8642

Complementary

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



32.9203, 40.3711, 30.1021



33.5891, 29.8678, 46.6447

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.



46.5909, 40.3711, 49.5090



32.9203, 40.3711, 30.1021



40.6493, 40.3711, 69.4902

Square

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



32.9203, 40.3711, 30.1021



33.1668, 40.3711, 62.5012



44.3936, 40.3711, 61.5202



44.0941, 40.3711, 29.5002

Rectangle

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



32.9203, 40.3711, 30.1021



31.0302, 40.3711, 46.5306



44.3936, 40.3711, 61.5202



46.7880, 40.3711, 41.4806

Sweetspot

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



32.9214, 40.3728, 30.1030



70.6853, 77.8687, 76.1393



37.3211, 39.7035, 29.7419



15.5545, 17.2017, 16.6644



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.9214, 40.3728, 30.1030



55.9988, 70.8949, 48.4642



31.9677, 39.7914, 34.1174



8.5767, 9.5868, 9.0509



12.1654, 23.1816, 3.8333



0.4363, 0.7570, 0.1231

Inverse Universe

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



33.5891, 29.8678, 46.6447



57.3817, 49.0694, 82.8282



34.8184, 30.6169, 41.4894



8.6436, 8.5403, 10.6992



12.9109, 5.9916, 30.6130



0.4550, 0.2137, 0.9655

Previews

White Background



This preview shows how the XYZ color 32.9203, 40.3711, 30.1021 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 32.9203, 40.3711, 30.1021 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 32.9203, 40.3711, 30.1021

Background



This preview shows how black text looks on a background with the XYZ color 32.9203, 40.3711, 30.1021.



This preview shows how white text looks on a background with the XYZ color 32.9203, 40.3711,

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

32.9203, 40.3711, 30.1021

Protanopia

37.7339, 40.2944, 28.3431

Deuteranopia

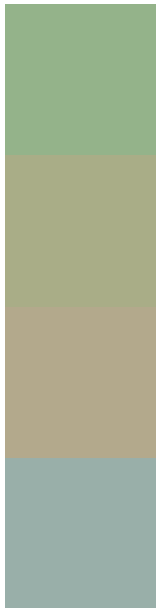
40.6699, 39.8532, 30.7482



Tritanopia

37.5168, 40.5002, 52.2944

Trichromacy



Original Color

32.9203, 40.3711, 30.1021

Protanomaly

35.6789, 40.0714, 28.7757

Deuteranomaly

37.5120, 39.8531, 30.5263

Tritanomaly

35.6283, 40.2968, 43.4364

Monochromacy



Original Color

32.9203, 40.3711, 30.1021

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.5892, 38.4869, 36.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9203, 40.3711, 30.1021 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(148, 179, 138)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 138)  
}
```

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(148, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.9203, 40.3711, 30.1021 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(148, 179, 138) }
```


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

```
.border{ border-color:rgb(148, 179, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 138);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9203, 40.3711, 30.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 138) }
```

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

```
.background{ background-color: rgb(148,  
179, 138) }
```

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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