

Converting Colors

XYZ(32.9713, 38.5847, 49.4265)

Have a look what the booklet for
XYZ(32.9713, 38.5847, 49.4265)
contains.

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Color

**XYZ(32.9923, 38.5138,
49.4111)**

Conversions

Conversions Part 1

Format	Color
Hex	84AEB5
RGB	132, 174, 181
RGB Percent	52%, 68%, 71%
CMY	0.4823, 0.3176, 0.2902
CMYK	0.27, 0.04, 0.00, 0.29
HSL	189°, 25%, 61%
HSV	189°, 27%, 71%
XYZ	32.9923, 38.5138, 49.4111
YIQ	162.2400, -27.2790, -6.7270

Conversions

Conversions Part 2

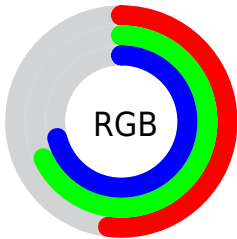
Format	Color
RYB	132, 155, 181
Decimal	8695477
CIELab	68.40, -12.39, -8.18
CIElCh	68, 14.845, 213.433
Yxy	38.5138, 0.2729, 0.3185
Android (android.graphics.Color)	4286885557 (0xFF84AEB5)
YUV	162.2400, 9.2487, -26.5205
Hunter-Lab	62.0595, -13.7093, -3.7644

Details

The XYZ color **32.9923, 38.5138, 49.4111** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.4541, 29.9554, 25.9022**, and the grayscale version is **34.4232, 36.2159, 39.4391**.

A 20% lighter version of the original color is **63.8326, 73.1472, 90.8752**, and **14.2492, 17.2269, 22.9962** is the 20% darker color. If you saturate the color by 10%, you get **29.9094, 36.1912, 49.1259**, and if you desaturate by 10%, it is **36.5782, 41.1119, 49.7242**.

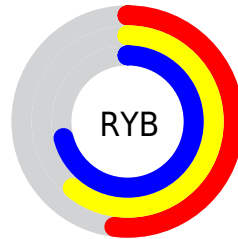
Distribution



Red (52%)

Green (68%)

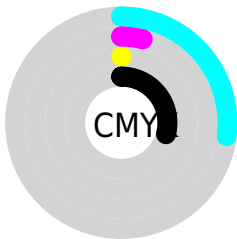
Blue (71%)



Red (52%)

Yellow (61%)

Blue (71%)

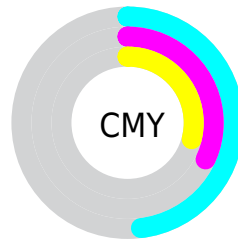


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9923, 38.5138, 49.4111 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 32.9923, 38.5138, 49.4111 by changing the saturation by 10% instead.

■ 32.9923, 38.5138,
49.4111

■ 32.9923, 38.5138,
49.4111

307.2806,
339.8189, 401.0274

■ 22.2798, 26.3817,
34.5778

■ 63.7183, 72.8950,
90.6890

■ 14.1804, 17.1094,
23.0569

■ 84.4624, 95.9129,
117.9707

■ 8.3288, 10.3125,
14.4298

■ 109.2811,
123.3281, 150.2390

■ 4.3596, 5.6067,
8.2781

138.5397,
155.5251, 187.9123

■ 1.9075, 2.6074,
4.1831

172.6036,
192.8883, 231.4093

■ 0.5812, 0.9304,
1.7263

211.8382,

■ 0.0000, 0.0000,

235.8021, 281.1484

0.3787

256.6087,
284.6508, 337.5483

■ 0.0000, 0.0000,
0.0000

■ 32.9923, 38.5138,
49.4111

■ 32.9923, 38.5138,
49.4111

■ 29.9094, 36.1912,
49.1259

■ 36.5782, 41.1119,
49.7242

■ 27.3007, 34.1262,
48.8648

■ 40.6872, 43.9931,
50.0638

■ 25.1395, 32.3061,
48.6274

■ 45.3426, 47.1704,
50.4317

■ 23.3954, 30.7150,
48.4122

■ 50.5651, 50.6545,
50.8290

■ 22.0337, 29.3350,
48.2176

■ 56.3744, 54.4558,
51.2565

■ 21.0143, 28.1454,
48.0417

■ 62.7893, 58.5839,
51.7152

■ 20.2800, 27.1164,
47.8818

■ 68.4519, 62.3389,
52.1415

■ 20.0870, 26.8291,
47.8365

■ 69.0249, 63.4849,
52.3325

■ 69.6080, 64.6510,
52.5269

Harmonies

Analogous

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



32.3126, 38.5138, 42.7082



32.9923, 38.5138, 49.4111



34.6383, 38.5138, 54.4934

Triad

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



32.9923, 38.5138, 49.4111



40.7625, 38.5138, 47.9409



36.3385, 38.5138, 30.3841

Complementary

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



32.9923, 38.5138, 49.4111



32.4541, 29.9554, 25.9022

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.



38.6473, 38.5138, 31.4714



32.9923, 38.5138, 49.4111



41.2642, 38.5138, 41.1711

Square

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



32.9923, 38.5138, 49.4111



39.1312, 38.5138, 53.5833



40.4748, 38.5138, 35.2538



34.1922, 38.5138, 32.1104

Rectangle

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



32.9923, 38.5138, 49.4111



36.0961, 38.5138, 56.0209



40.4748, 38.5138, 35.2538



37.1211, 38.5138, 30.4335

Sweetspot

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



32.9934, 38.5154, 49.4120



72.0409, 78.2164, 89.5949



30.6666, 39.8045, 30.3154



15.3237, 16.7337, 19.3445



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.



32.9934, 38.5154, 49.4120



55.9636, 66.6459, 88.2090



28.7581, 30.0448, 48.0002



8.6372, 9.4205, 10.8694



13.8860, 18.5724, 32.9900



0.4651, 0.6408, 1.0474

Inverse Universe

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



34.9483, 29.3833, 43.8756



60.0562, 47.9476, 76.5239



36.3248, 37.6968, 27.1925



8.7968, 8.6254, 10.4284



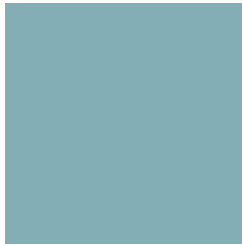
17.2437, 8.4150, 22.2409



0.5568, 0.2705, 0.7748

Previews

White Background



This preview shows how the XYZ color 32.9923, 38.5138, 49.4111 looks on a white background.

Color Contrast Check

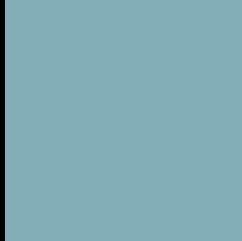
Large Text (above 18pt) WCAG AA × Fail

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 32.9923, 38.5138, 49.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

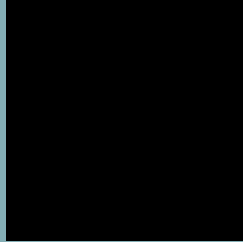
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9923, 38.5138, 49.4111

Background



This preview shows how black text looks on a background with the XYZ color 32.9923, 38.5138, 49.4111.



This preview shows how white text looks on a background with the XYZ color 32.9923, 38.5138,

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

32.9923, 38.5138, 49.4111

Protanopia

37.0175, 38.1518, 46.4873

Deuteranopia

39.0276, 38.3000, 50.6831



Tritanopia

33.5861, 38.4615, 52.6674

Trichromacy



Original Color

32.9923, 38.5138, 49.4111

Protanomaly

35.3649, 38.0896, 47.6076

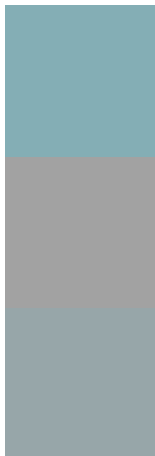
Deuteranomaly

36.4815, 38.0623, 50.2237

Tritanomaly

33.3734, 38.3765, 51.5474

Monochromacy



Original Color

32.9923, 38.5138, 49.4111

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.5601, 36.7163, 42.8543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9923, 38.5138, 49.4111 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(132, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(132, 174, 181)  
}
```

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(132, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 174, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.9923, 38.5138, 49.4111 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(132, 174, 181) }
```


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

```
.border{ border-color:rgb(132, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(132, 174,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9923, 38.5138, 49.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 174, 181) }
```

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

```
.background{ background-color: rgb(132,  
174, 181) }
```

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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