

Converting Colors

XYZ(32.2840, 38.6916, 49.7247)

Have a look what the booklet for
XYZ(32.2840, 38.6916, 49.7247)
contains.

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Color

**XYZ(32.3233, 38.7468,
49.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB0B5
RGB	125, 176, 181
RGB Percent	49%, 69%, 71%
CMY	0.5098, 0.3098, 0.2902
CMYK	0.31, 0.03, 0.00, 0.29
HSL	185°, 27%, 60%
HSV	185°, 31%, 71%
XYZ	32.3233, 38.7468, 49.4913
YIQ	161.3210, -32.0010, -9.2570

Conversions

Conversions Part 2

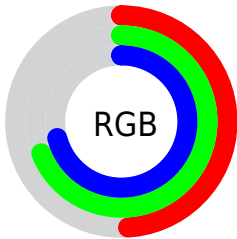
Format	Color
RYB	125, 152, 181
Decimal	8237237
CIELab	68.57, -15.51, -7.97
CIElCh	69, 17.439, 207.192
Yxy	38.7468, 0.2681, 0.3214
Android (android.graphics.Color)	4286427317 (0xFF7DB0B5)
YUV	161.3210, 9.7017, -31.8535
Hunter-Lab	62.2469, -16.2415, -3.5675

Details

The XYZ color **32.3233, 38.7468, 49.4913** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7410, 27.2702, 23.0465**, and the grayscale version is **33.9934, 35.7637, 38.9467**.

A 20% lighter version of the original color is **62.7331, 73.4114, 90.9842**, and **13.7269, 17.1409, 23.0071** is the 20% darker color. If you saturate the color by 10%, you get **29.6034, 36.8781, 49.2746**, and if you desaturate by 10%, it is **35.5308, 40.8743, 49.7336**.

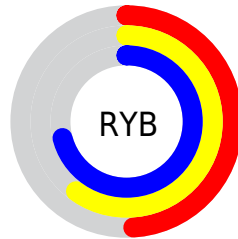
Distribution



Red (49%)

Green (69%)

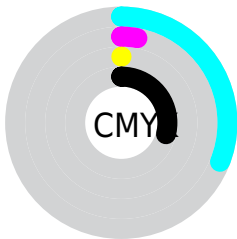
Blue (71%)



Red (49%)

Yellow (60%)

Blue (71%)

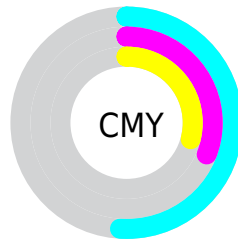


Cyan (31%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3233, 38.7468, 49.4913 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 32.3233, 38.7468, 49.4913 by changing the saturation by 10% instead.

■ 32.3233, 38.7468,
49.4913

■ 32.3233, 38.7468,
49.4913

304.3086,
340.8128, 401.3512

■ 21.7653, 26.5628,
34.6410

■ 62.6794, 73.2514,
90.8092

■ 13.8002, 17.2452,
23.1051

■ 83.2081, 96.3407,
118.1140

■ 8.0626, 10.4094,
14.4651

■ 107.7912,
123.8340, 150.4073

■ 4.1872, 5.6713,
8.3024

136.7939,
156.1156, 188.1077

■ 1.8086, 2.6462,
4.1985

170.5817,
193.5698, 231.6337

■ 0.5228, 0.9500,
1.7349

209.5198,

■ 0.0000, 0.0000,

236.5812, 281.4040

0.3845

253.9736,
285.5340, 337.8370

■ 0.0000, 0.0000,
0.0000

■ 32.3233, 38.7468,
49.4913

■ 32.3233, 38.7468,
49.4913

■ 29.6034, 36.8781,
49.2746

■ 35.5308, 40.8743,
49.7336

■ 27.3414, 35.2502,
49.0796

■ 39.2466, 43.2686,
49.9998

■ 25.5099, 33.8497,
48.9058

■ 43.4945, 45.9428,
50.2921

■ 24.0769, 32.6601,
48.7517

■ 48.2957, 48.9078,
50.6114

■ 23.0059, 31.6628,
48.6157

■ 53.6703, 52.1742,
50.9586

■ 22.2539, 30.8353,
48.4956

■ 59.6373, 55.7516,
51.3346

■ 21.7680, 30.1911,
48.3969

■ 66.2148, 59.6495,
51.7403

■ 67.7625, 60.9601,
51.9117

■ 68.1118, 61.6587,
52.0281

Harmonies

Analogous

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



31.7965, 38.7468, 41.4513



32.3233, 38.7468, 49.4913



34.0373, 38.7468, 56.2340

Triad

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



32.3233, 38.7468, 49.4913



41.4513, 38.7468, 50.9340



37.0873, 38.7468, 28.8031

Complementary

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



32.3233, 38.7468, 49.4913



30.7410, 27.2702, 23.0465

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.



39.7665, 38.7468, 30.7015



32.3233, 38.7468, 49.4913



42.3634, 38.7468, 42.9347

Square

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



32.3233, 38.7468, 49.4913



39.2963, 38.7468, 57.1371



41.7322, 38.7468, 35.6422



34.4647, 38.7468, 30.1053

Rectangle

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



32.3233, 38.7468, 49.4913



35.6683, 38.7468, 58.7386



41.7322, 38.7468, 35.6422



38.0119, 38.7468, 29.0820

Sweetspot

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



32.3244, 38.7483, 49.4922



71.5779, 78.3109, 89.6376



28.9891, 39.0113, 27.0050



15.2462, 16.7833, 19.3582



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.



32.3244, 38.7483, 49.4922



54.5427, 67.1097, 88.3734



27.4411, 28.9817, 47.8644



8.6765, 9.4993, 10.8826



15.0323, 20.8650, 33.3721



0.4918, 0.6941, 1.0563

Inverse Universe

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



34.2271, 27.6266, 44.6044



58.5321, 44.2486, 78.0223



34.9286, 35.6455, 24.4424



8.8167, 8.6334, 10.5330



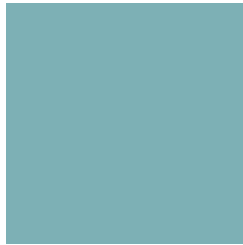
17.8223, 8.6465, 25.2878



0.5703, 0.2758, 0.8456

Previews

White Background



This preview shows how the XYZ color 32.3233, 38.7468, 49.4913 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 32.3233, 38.7468, 49.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

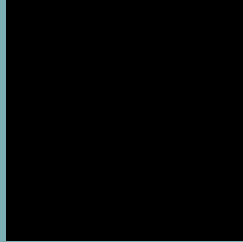
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

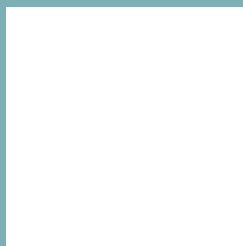
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3233, 38.7468, 49.4913

Background



This preview shows how black text looks on a background with the XYZ color 32.3233, 38.7468, 49.4913.



This preview shows how white text looks on a background with the XYZ color 32.3233, 38.7468,

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

32.3233, 38.7468, 49.4913

Protanopia

37.3104, 38.5831, 46.0382

Deuteranopia

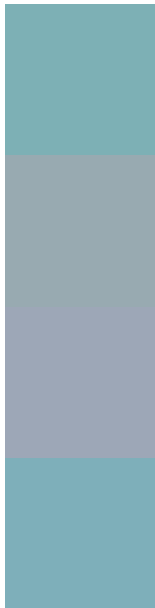
39.2513, 38.4153, 50.6935



Tritanopia

33.2677, 38.8461, 53.8888

Trichromacy



Original Color

32.3233, 38.7468, 49.4913

Protanomaly

35.2594, 38.5992, 47.1870

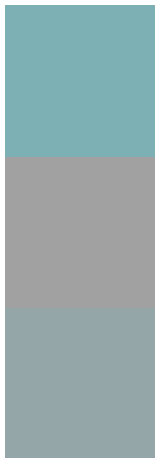
Deuteranomaly

36.2706, 38.2244, 50.2661

Tritanomaly

32.7971, 38.6407, 52.1842

Monochromacy



Original Color

32.3233, 38.7468, 49.4913

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9168, 36.3955, 42.3359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3233, 38.7468, 49.4913 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(125, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(125, 176, 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(125, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 176, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.3233, 38.7468, 49.4913 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(125, 176, 181) }
```


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

```
.border{ border-color:rgb(125, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(125, 176,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3233, 38.7468, 49.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 176, 181) }
```

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

```
.background{ background-color: rgb(125,  
176, 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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