

Converting Colors

XYZ(32.2663, 38.2469, 49.8926)

Have a look what the booklet for
XYZ(32.2663, 38.2469, 49.8926)
contains.

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Color

**XYZ(32.1837, 38.0851,
49.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAE66
RGB	126, 174, 182
RGB Percent	49%, 68%, 71%
CMY	0.5059, 0.3176, 0.2863
CMYK	0.31, 0.04, 0.00, 0.29
HSL	189°, 28%, 60%
HSV	189°, 31%, 71%
XYZ	32.1837, 38.0851, 49.9109
YIQ	160.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

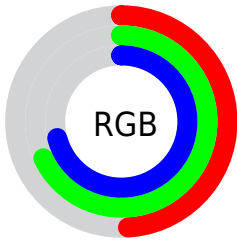
Format	Color
RYB	126, 152, 182
Decimal	8302262
CIELab	68.08, -13.93, -9.24
CIElCh	68, 16.713, 213.553
Yxy	38.0851, 0.2678, 0.3169
Android (android.graphics.Color)	4286492342 (0xFF7EAEB6)
YUV	160.5600, 10.5699, -30.3091
Hunter-Lab	61.7131, -14.9093, -4.7520

Details

The XYZ color **32.1837, 38.0851, 49.9109** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.5829, 28.5019, 23.5763**, and the grayscale version is **33.6361, 35.3878, 38.5373**.

A 20% lighter version of the original color is **62.5518, 72.4700, 91.5802**, and **13.7460, 16.9599, 23.3180** is the 20% darker color. If you saturate the color by 10%, you get **29.2433, 35.8318, 49.6316**, and if you desaturate by 10%, it is **35.6244, 40.6125, 50.2180**.

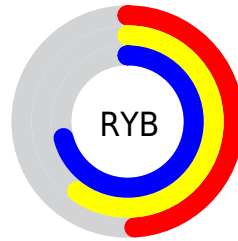
Distribution



Red (49%)

Green (68%)

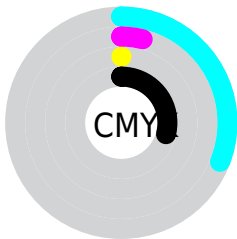
Blue (71%)



Red (49%)

Yellow (60%)

Blue (71%)

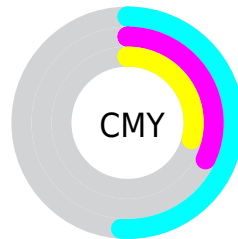


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1837, 38.0851, 49.9109 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 32.1837, 38.0851, 49.9109 by changing the saturation by 10% instead.

■ 32.1837, 38.0851,
49.9109

■ 32.1837, 38.0851,
49.9109

303.6857,
337.9849, 403.0425

■ 21.6581, 26.0487,
34.9719

■ 62.4622, 72.2386,
91.4378

■ 13.7211, 16.8601,
23.3579

■ 82.9458, 95.1244,
118.8628

■ 8.0073, 10.1348,
14.6502

■ 107.4795,
122.3956, 151.2869

■ 4.1515, 5.4884,
8.4304

136.4285,
154.4365, 189.1286

■ 1.7882, 2.5366,
4.2798

170.1583,
191.6315, 232.8065

■ 0.5105, 0.8949,
1.7801

209.0342,

■ 0.0000, 0.0000,

234.3649, 282.7390

0.4148

253.4215,
283.0213, 339.3449

■ 0.0000, 0.0000,
0.0000

■ 32.1837, 38.0851,
49.9109

■ 32.1837, 38.0851,
49.9109

■ 29.2433, 35.8318,
49.6316

■ 35.6244, 40.6125,
50.2180

■ 26.7731, 33.8344,
49.3763

■ 39.5865, 43.4223,
50.5516

■ 24.7453, 32.0794,
49.1444

■ 44.0940, 46.5279,
50.9134

■ 23.1275, 30.5498,
48.9344

■ 49.1684, 49.9404,
51.3046

■ 21.8828, 29.2267,
48.7446

■ 54.8302, 53.6704,
51.7262

■ 20.9676, 28.0876,
48.5730

■ 61.0985, 57.7279,
52.1790

■ 20.3333, 27.1568,
48.4268

■ 67.9920, 62.1226,
52.6639

■ 69.1536, 63.5774,
52.8835

■ 69.7404, 64.7509,
53.0791

Harmonies

Analogous

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



31.4271, 38.0851, 42.3633



32.1837, 38.0851, 49.9109



34.0139, 38.0851, 55.6802

Triad

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



32.1837, 38.0851, 49.9109



40.8701, 38.0851, 48.1893



35.8893, 38.0851, 28.7377

Complementary

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



32.1837, 38.0851, 49.9109



31.5829, 28.5019, 23.5763

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.



38.4752, 38.0851, 29.9070



32.1837, 38.0851, 49.9109



41.4305, 38.0851, 40.5858

Square

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



32.1837, 38.0851, 49.9109



39.0377, 38.0851, 54.6055



40.5346, 38.0851, 34.0357



33.5009, 38.0851, 30.6275

Rectangle

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



32.1837, 38.0851, 49.9109



35.6393, 38.0851, 57.4143



40.5346, 38.0851, 34.0357



36.7640, 38.0851, 28.7872

Sweetspot

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



32.1848, 38.0866, 49.9118



73.0215, 79.5962, 91.7507



29.5988, 39.5986, 28.4438



15.8790, 17.4067, 20.2445



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.1848, 38.0866, 49.9118



54.5984, 66.1949, 90.1350



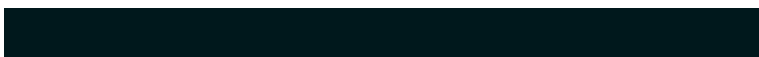
27.4097, 28.5364, 48.3201



9.1544, 9.9861, 11.5244



14.3960, 19.2517, 34.2103



0.5377, 0.7392, 1.2161

Inverse Universe

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



34.3931, 27.9237, 43.6232



59.3252, 45.0689, 76.5336



35.8846, 37.1054, 25.0102



9.3243, 9.1401, 11.0551



17.8801, 8.7258, 23.0533



0.6456, 0.3137, 0.8931

Previews

White Background



This preview shows how the XYZ color 32.1837, 38.0851, 49.9109 looks on a white background.

Color Contrast Check

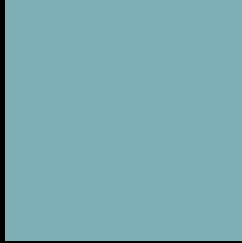
Large Text (above 18pt) WCAG AA × Fail

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 32.1837, 38.0851, 49.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

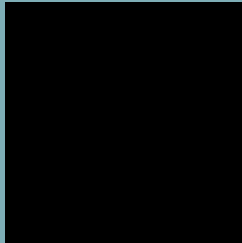
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1837, 38.0851, 49.9109

Background



This preview shows how black text looks on a background with the XYZ color 32.1837, 38.0851, 49.9109.



This preview shows how white text looks on a background with the XYZ color 32.1837, 38.0851,

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

32.1837, 38.0851, 49.9109

Protanopia

36.6290, 37.6848, 46.4176

Deuteranopia

38.5151, 37.7632, 51.1580



Tritanopia

32.6656, 37.9870, 52.6243

Trichromacy



Original Color

32.1837, 38.0851, 49.9109

Protanomaly

34.8010, 37.7989, 47.5812

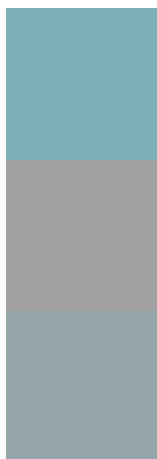
Deuteranomaly

35.8055, 37.7017, 50.7374

Tritanomaly

32.4529, 37.9019, 51.5043

Monochromacy



Original Color

32.1837, 38.0851, 49.9109

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.0104, 36.4329, 42.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1837, 38.0851, 49.9109 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(126, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 182)  
}
```

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(126, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 182) }
```

Border

The CSS property to change the border of an element to XYZ 32.1837, 38.0851, 49.9109 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(126, 174, 182) }
```


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

```
.border{ border-color:rgb(126, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(126, 174,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1837, 38.0851, 49.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 174, 182) }
```

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

```
.background{ background-color: rgb(126,  
174, 182) }
```

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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