

Converting Colors

XYZ(32.6124, 39.0421, 47.0545)

Have a look what the booklet for
XYZ(32.6124, 39.0421, 47.0545)
contains.

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Color

**XYZ(32.5677, 38.9311,
46.8722)**

Conversions

Conversions Part 1

Format	Color
Hex	82B0B0
RGB	130, 176, 176
RGB Percent	51%, 69%, 69%
CMY	0.4902, 0.3098, 0.3098
CMYK	0.26, 0.00, 0.00, 0.31
HSL	180°, 23%, 60%
HSV	180°, 26%, 69%
XYZ	32.5677, 38.9311, 46.8722
YIQ	162.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

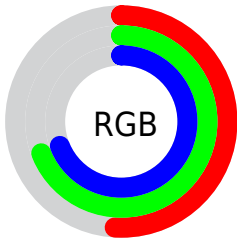
Format	Color
RYB	130, 153, 176
Decimal	8564912
CIELab	68.70, -15.21, -4.98
CIElCh	69, 16.005, 198.116
Yxy	38.9311, 0.2751, 0.3289
Android (android.graphics.Color)	4286754992 (0xFF82B0B0)
YUV	162.2460, 6.7807, -28.2797
Hunter-Lab	62.3948, -16.0207, -0.8635

Details

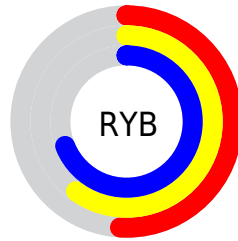
The XYZ color **32.5677, 38.9311, 46.8722** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9177, 26.8081, 24.7183**, and the grayscale version is **34.4372, 36.2307, 39.4552**.

A 20% lighter version of the original color is **63.1893, 73.7298, 87.2448**, and **13.9455, 17.2834, 21.6698** is the 20% darker color. If you saturate the color by 10%, you get **30.0958, 37.6578, 46.7569**, and if you desaturate by 10%, it is **35.5036, 40.4456, 47.0109**.

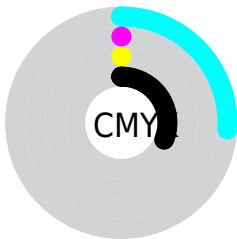
Distribution



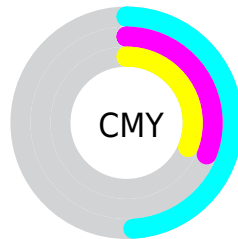
- Red (51%)
- Green (69%)
- Blue (69%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5677, 38.9311, 46.8722 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 32.5677, 38.9311, 46.8722 by changing the saturation by 10% instead.

■ 32.5677, 38.9311,
46.8722

■ 32.5677, 38.9311,
46.8722

305.3968,
341.5975, 390.6832

■ 21.9531, 26.7061,
32.5810

■ 63.0592, 73.5331,
86.8708

■ 13.9389, 17.3526,
21.5372

■ 83.6669, 96.6788,
113.4153

■ 8.1596, 10.4862,
13.3222

■ 108.3363,
124.2337, 144.8813

■ 4.2499, 5.7225,
7.5174

137.4328,
156.5819, 181.6874

■ 1.8445, 2.6771,
3.7044

171.3217,
194.1081, 224.2521

■ 0.5442, 0.9656,
1.4646

210.3685,

■ 0.0000, 0.0000,

237.1964, 272.9939

0.1914

254.9384,
286.2314, 328.3314

■ 0.0000, 0.0000,
0.0000

■ 32.5677, 38.9311,
46.8722

■ 32.5677, 38.9311,
46.8722

■ 30.0958, 37.6578,
46.7569

■ 35.5036, 40.4456,
47.0109

■ 28.0611, 36.6089,
46.6612

■ 38.9220, 42.2079,
47.1714

■ 26.4391, 35.7727,
46.5848

■ 42.8445, 44.2299,
47.3554

■ 25.2017, 35.1348,
46.5264

■ 47.2903, 46.5218,
47.5639

■ 24.3170, 34.6788,
46.4845

■ 52.2776, 49.0929,
47.7978

■ 23.7483, 34.3856,
46.4574

■ 57.8239, 51.9521,
48.0579

■ 23.4471, 34.2303,
46.4429

■ 63.9457, 55.1080,
48.3448

■ 23.3619, 34.1864,
46.4387

■ 64.6033, 55.4470,
48.3761

■ 64.6034, 55.4470,
48.3766

Harmonies

Analogous

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



32.4421, 38.9311, 39.5835



32.5677, 38.9311, 46.8722



33.8481, 38.9311, 53.6350

Triad

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



32.5677, 38.9311, 46.8722



40.7454, 38.9311, 52.3915



38.0141, 38.9311, 30.1615

Complementary

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



32.5677, 38.9311, 46.8722



29.9177, 26.8081, 24.7183

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.



40.3478, 38.9311, 32.8369



32.5677, 38.9311, 46.8722



41.9721, 38.9311, 45.3248

Square

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



32.5677, 38.9311, 46.8722



38.5367, 38.9311, 57.0632



41.8234, 38.9311, 38.2018



35.5102, 38.9311, 30.4750

Rectangle

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



32.5677, 38.9311, 46.8722



35.2184, 38.9311, 56.6818



41.8234, 38.9311, 38.2018



38.8465, 38.9311, 30.7273

Sweetspot

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



32.5688, 38.9327, 46.8731



69.2746, 75.8704, 85.4879



28.8797, 37.4707, 26.8302



14.8075, 16.3364, 18.5170



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5688, 38.9327, 46.8731



56.5406, 69.3058, 84.8899



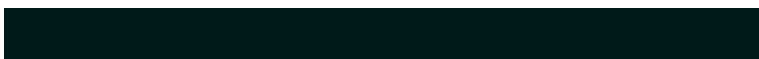
28.5606, 30.9159, 45.5382



8.7427, 9.6316, 10.9045



17.1403, 25.0821, 34.0715



0.5393, 0.7892, 1.0721

Inverse Universe

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



29.9177, 26.8081, 24.7183



50.9629, 43.7964, 38.2774



33.2013, 33.3755, 25.8120



8.4964, 8.5053, 8.8465



13.1369, 6.7723, 0.6150



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 32.5677, 38.9311, 46.8722 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 32.5677, 38.9311, 46.8722 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 32.5677, 38.9311, 46.8722

Background



This preview shows how black text looks on a background with the XYZ color 32.5677, 38.9311, 46.8722.

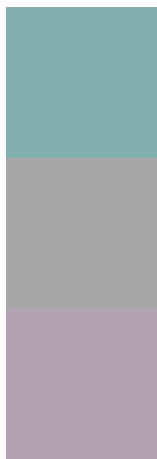


This preview shows how white text looks on a background with the XYZ color 32.5677, 38.9311,

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

32.5677, 38.9311, 46.8722

Protanopia

37.2541, 38.6097, 43.5191

Deuteranopia

39.4171, 38.5603, 48.0132



Tritanopia

33.8860, 38.8895, 53.2974

Trichromacy



Original Color

32.5677, 38.9311, 46.8722

Protanomaly

35.3387, 38.6966, 44.6364

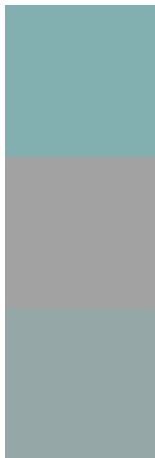
Deuteranomaly

36.5525, 38.4289, 47.6105

Tritanomaly

33.4974, 39.0262, 51.1147

Monochromacy



Original Color

32.5677, 38.9311, 46.8722

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.3714, 36.9115, 41.9250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5677, 38.9311, 46.8722 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(130, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 176)  
}
```

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(130, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 32.5677, 38.9311, 46.8722 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(130, 176, 176) }
```


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

```
.border{ border-color:rgb(130, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5677, 38.9311, 46.8722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 176) }
```

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

```
.background{ background-color: rgb(130,  
176, 176) }
```

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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