

Converting Colors

XYZ(32.0363, 38.8675, 50.8164)

Have a look what the booklet for
XYZ(32.0363, 38.8675, 50.8164)
contains.

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Color

**XYZ(32.0151, 38.8562,
50.6124)**

Conversions

Conversions Part 1

Format	Color
Hex	78B1B7
RGB	120, 177, 183
RGB Percent	47%, 69%, 72%
CMY	0.5294, 0.3059, 0.2823
CMYK	0.34, 0.03, 0.00, 0.28
HSL	186°, 30%, 59%
HSV	186°, 34%, 72%
XYZ	32.0151, 38.8562, 50.6124
YIQ	160.6410, -35.8980, -10.2180

Conversions

Conversions Part 2

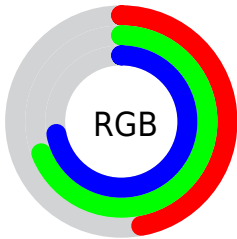
Format	Color
RYB	120, 150, 183
Decimal	7909815
CIELab	68.65, -16.97, -8.98
CIElCh	69, 19.199, 207.902
Yxy	38.8562, 0.2635, 0.3198
Android (android.graphics.Color)	4286099895 (0xFF78B1B7)
YUV	160.6410, 11.0230, -35.6422
Hunter-Lab	62.3347, -17.4083, -4.5059

Details

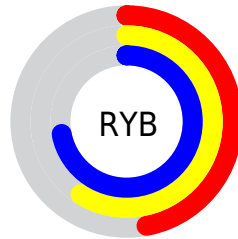
The XYZ color **32.0151, 38.8562, 50.6124** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.3801, 26.3455, 21.2542**, and the grayscale version is **33.6731, 35.4267, 38.5797**.

A 20% lighter version of the original color is **62.1745, 73.5085, 92.5730**, and **13.5517, 17.2203, 23.7287** is the 20% darker color. If you saturate the color by 10%, you get **29.3740, 36.9879, 50.3917**, and if you desaturate by 10%, it is **35.1479, 40.9864, 50.8591**.

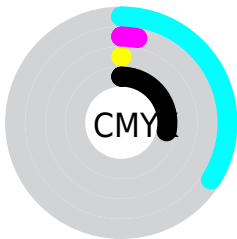
Distribution



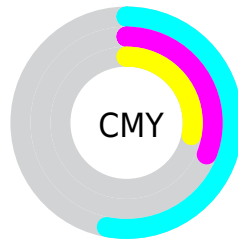
- Red (47%)
- Green (69%)
- Blue (72%)



- Red (47%)
- Yellow (59%)
- Blue (72%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (53%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0151, 38.8562, 50.6124 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 32.0151, 38.8562, 50.6124 by changing the saturation by 10% instead.

■ 32.0151, 38.8562,
50.6124

■ 32.0151, 38.8562,
50.6124

302.9321,
341.2787, 405.8595

■ 21.5286, 26.6479,
35.5257

■ 62.1998, 73.4186,
92.4872

■ 13.6256, 17.3089,
23.7813

■ 82.6287, 96.5414,
120.1123

■ 7.9407, 10.4550,
14.9608

■ 107.1025,
124.0713, 152.7540

■ 4.1085, 5.7017,
8.6455

135.9866,
156.3925, 190.8308

■ 1.7637, 2.6645,
4.4171

169.6462,
193.8894, 234.7612

■ 0.4957, 0.9592,
1.8568

208.4468,

■ 0.0000, 0.0000,

236.9465, 284.9637

0.4650

252.7536,
285.9481, 341.8570

■ 0.0000, 0.0000,
0.0000

■ 32.0151, 38.8562,
50.6124

■ 32.0151, 38.8562,
50.6124

■ 29.3740, 36.9879,
50.3917

■ 35.1479, 40.9864,
50.8591

■ 27.1935, 35.3627,
50.1929

■ 38.7946, 43.3870,
51.1303

■ 25.4441, 33.9661,
50.0155

■ 42.9800, 46.0720,
51.4279

■ 24.0916, 32.7807,
49.8580

■ 47.7264, 49.0528,
51.7531

■ 23.0966, 31.7859,
49.7184

■ 53.0548, 52.3402,
52.1068

■ 22.4113, 30.9572,
49.5946

■ 58.9850, 55.9445,
52.4900

■ 22.1069, 30.5380,
49.5297

■ 65.5362, 59.8756,
52.9034

■ 68.4056, 61.9153,
53.1459

■ 68.7877, 62.6795,
53.2733

Harmonies

Analogous

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



31.4064, 38.8562, 41.6995



32.0151, 38.8562, 50.6124



33.9195, 38.8562, 58.0877

Triad

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



32.0151, 38.8562, 50.6124



42.0941, 38.8562, 51.8149



37.1455, 38.8562, 27.7192

Complementary

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



32.0151, 38.8562, 50.6124



30.3801, 26.3455, 21.2542

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.



40.1171, 38.8562, 29.6806



32.0151, 38.8562, 50.6124



43.0697, 38.8562, 42.9220

Square

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



32.0151, 38.8562, 50.6124



39.7277, 38.8562, 58.8461



42.3274, 38.8562, 34.9653



34.2700, 38.8562, 29.2007

Rectangle

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



32.0151, 38.8562, 50.6124



35.7232, 38.8562, 60.8244



42.3274, 38.8562, 34.9653



38.1671, 38.8562, 27.9914

Sweetspot

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



32.0163, 38.8577, 50.6133



72.5524, 79.6893, 91.7934



28.3977, 39.3479, 25.5850



15.7971, 17.4545, 20.2581



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.



32.0163, 38.8577, 50.6133



53.8233, 67.1192, 90.3542



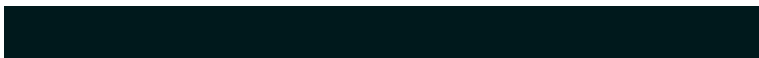
26.6113, 28.0478, 48.8116



9.1916, 10.0605, 11.5369



15.4493, 21.3582, 34.5614



0.5660, 0.7957, 1.2255

Inverse Universe

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



34.1817, 26.6755, 44.9439



58.3300, 42.3582, 78.4222



34.9341, 35.4537, 22.7722



9.3431, 9.1476, 11.1540



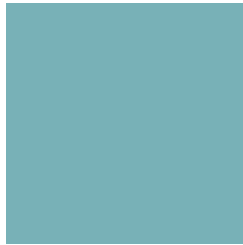
18.4118, 8.9385, 25.8528



0.6598, 0.3194, 0.9682

Previews

White Background



This preview shows how the XYZ color 32.0151, 38.8562, 50.6124 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 32.0151, 38.8562, 50.6124 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

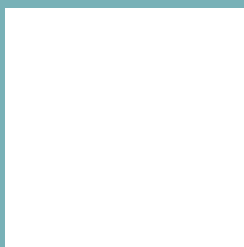
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0151, 38.8562, 50.6124

Background



This preview shows how black text looks on a background with the XYZ color 32.0151, 38.8562, 50.6124.

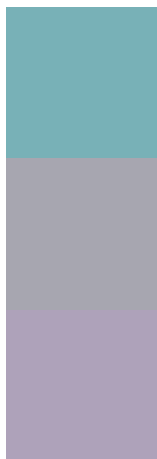


This preview shows how white text looks on a background with the XYZ color 32.0151, 38.8562,

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

32.0151, 38.8562, 50.6124

Protanopia

37.4090, 38.6225, 46.5575

Deuteranopia

39.2388, 38.3845, 51.7952



Tritanopia

32.8456, 38.9059, 54.4936

Trichromacy



Original Color

32.0151, 38.8562, 50.6124

Protanomaly

35.0891, 38.4882, 48.2274

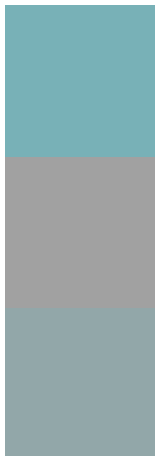
Deuteranomaly

35.9021, 38.0102, 51.3434

Tritanomaly

32.3801, 38.7035, 52.7776

Monochromacy



Original Color

32.0151, 38.8562, 50.6124

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.8342, 36.6130, 42.8726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0151, 38.8562, 50.6124 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(120, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(120, 177, 183)  
}
```

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(120, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 177, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.0151, 38.8562, 50.6124 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(120, 177, 183) }
```


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

```
.border{ border-color:rgb(120, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(120, 177,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0151, 38.8562, 50.6124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 177, 183) }
```

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

```
.background{ background-color: rgb(120,  
177, 183) }
```

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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