

Converting Colors

XYZ(32.2126, 38.2909, 40.6147)

Have a look what the booklet for
XYZ(32.2126, 38.2909, 40.6147)
contains.

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Color

**XYZ(32.3181, 38.3557,
40.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	8AAEA4
RGB	138, 174, 164
RGB Percent	54%, 68%, 64%
CMY	0.4588, 0.3176, 0.3569
CMYK	0.21, 0.00, 0.06, 0.32
HSL	163°, 18%, 61%
HSV	163°, 21%, 68%
XYZ	32.3181, 38.3557, 40.8220
YIQ	162.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

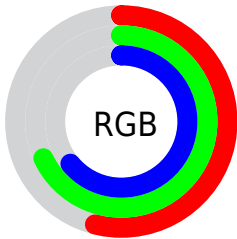
Format	Color
RYB	138, 159, 174
Decimal	9088676
CIELab	68.28, -14.30, 1.10
CIELCh	68, 14.342, 175.603
Yxy	38.3557, 0.2899, 0.3440
Android (android.graphics.Color)	4287278756 (0xFF8AAEA4)
YUV	162.0960, 0.9387, -21.1322
Hunter-Lab	61.9320, -15.2339, 4.2718

Details

The XYZ color **32.3181, 38.3557, 40.8220** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.8907, 29.3147, 31.9960**, and the grayscale version is **34.3903, 36.1813, 39.4014**.

A 20% lighter version of the original color is **62.8212, 72.9146, 77.7807**, and **13.8146, 17.1152, 17.9047** is the 20% darker color. If you saturate the color by 10%, you get **29.2386, 36.8187, 38.4426**, and if you desaturate by 10%, it is **35.8776, 40.1403, 43.3121**.

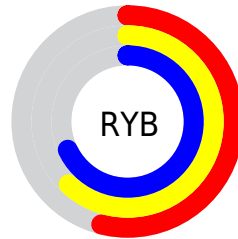
Distribution



Red (54%)

Green (68%)

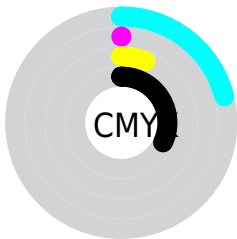
Blue (64%)



Red (54%)

Yellow (62%)

Blue (68%)

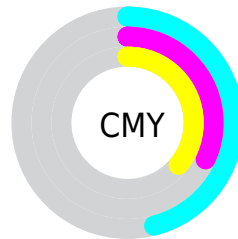


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (32%)



Cyan (46%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3181, 38.3557, 40.8220 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 32.3181, 38.3557, 40.8220 by changing the saturation by 10% instead.

■ 32.3181, 38.3557,
40.8220

■ 32.3181, 38.3557,
40.8220

304.2854,
339.1434, 365.2307

■ 21.7613, 26.2589,
27.8614

■ 62.6713, 72.6530,
77.6643

■ 13.7972, 17.0174,
17.9831

■ 83.1984, 95.6223,
102.3831

■ 8.0605, 10.2469,
10.7685

■ 107.7796,
122.9845, 131.8584

■ 4.1858, 5.5630,
5.7992

136.7803,
155.1240, 166.5087

■ 1.8078, 2.5812,
2.6566

170.5659,
192.4253, 206.7525

■ 0.5224, 0.9172,
0.9214

209.5017,

■ 0.0000, 0.0000,

235.2727, 253.0084

0.0000

253.9531,
284.0506, 305.6950

■ 32.3181, 38.3557,
40.8220

■ 32.3181, 38.3557,
40.8220

■ 29.2386, 36.8187,
38.4426

■ 35.8776, 40.1403,
43.3121

■ 26.6138, 35.5132,
36.1694

■ 39.9344, 42.1783,
45.9123

■ 24.4209, 34.4284,
34.0011

■ 44.5092, 44.4814,
48.6252

■ 22.6336, 33.5509,
31.9355

■ 49.6202, 47.0589,
51.4527

■ 21.2231, 32.8657,
29.9704

■ 55.2849, 49.9199,
54.3963

■ 20.1562, 32.3560,
28.1030

■ 61.5198, 53.0728,
57.4578

■ 19.3940, 32.0015,
26.3306

■ 66.5515, 55.6034,
60.5550

■ 18.8808, 31.7711,
24.7614

■ 67.1176, 55.8298,
63.5361

■ 67.7017, 56.0635,
66.6119

Harmonies

Analogous

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



33.0079, 38.3557, 35.1594



32.3181, 38.3557, 40.8220



32.6991, 38.3557, 47.3377

Triad

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



32.3181, 38.3557, 40.8220



38.3538, 38.3557, 53.9365



38.9500, 38.3557, 32.3677

Complementary

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



32.3181, 38.3557, 40.8220



31.8907, 29.3147, 31.9960

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.



40.4900, 38.3557, 36.6438



32.3181, 38.3557, 40.8220



40.1361, 38.3557, 49.1453

Square

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



32.3181, 38.3557, 40.8220



36.1259, 38.3557, 55.3454



40.9327, 38.3557, 42.7180



36.7880, 38.3557, 30.6069

Rectangle

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



32.3181, 38.3557, 40.8220



33.5178, 38.3557, 51.2361



40.9327, 38.3557, 42.7180



39.5610, 38.3557, 33.5358

Sweetspot

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



32.3192, 38.3573, 40.8229



68.3345, 74.4435, 80.6975



31.9736, 38.4233, 29.7766



15.0853, 16.4943, 17.8696



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.



32.3192, 38.3573, 40.8229



55.8603, 68.1931, 71.9693



31.7950, 35.8059, 45.2817



8.1400, 9.0335, 9.7621



13.7199, 23.0532, 18.0963



0.4033, 0.6500, 0.6172

Inverse Universe

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



31.8907, 29.3147, 31.9960



54.9377, 48.6961, 52.9446



32.2923, 31.3309, 28.3908



8.0933, 8.0506, 8.8020



13.0750, 6.6925, 2.7743



0.3871, 0.1955, 0.2004

Previews

White Background



This preview shows how the XYZ color 32.3181, 38.3557, 40.8220 looks on a white background.

Color Contrast Check

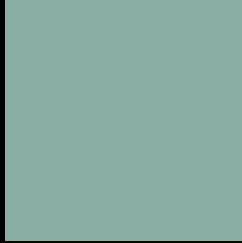
Large Text (above 18pt) WCAG AA × Fail

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 32.3181, 38.3557, 40.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

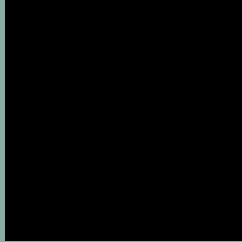
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3181, 38.3557, 40.8220

Background



This preview shows how black text looks on a background with the XYZ color 32.3181, 38.3557, 40.8220.



This preview shows how white text looks on a background with the XYZ color 32.3181, 38.3557,

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

32.3181, 38.3557, 40.8220

Protanopia

36.5077, 38.0714, 38.2252

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

34.4752, 38.3794, 51.4899

Trichromacy



Original Color

32.3181, 38.3557, 40.8220

Protanomaly

34.7337, 37.9494, 39.2125

Deuteranomaly

36.2450, 38.1326, 41.5264

Tritanomaly

33.6728, 38.3421, 47.2210

Monochromacy



Original Color

32.3181, 38.3557, 40.8220

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.3839, 36.6891, 39.9725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3181, 38.3557, 40.8220 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(138, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(138, 174, 164)  
}
```

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(138, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.3181, 38.3557, 40.8220 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(138, 174, 164) }
```


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

```
.border{ border-color:rgb(138, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(138, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3181, 38.3557, 40.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 174, 164) }
```

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

```
.background{ background-color: rgb(138,  
174, 164) }
```

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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