

Converting Colors

XYZ(32.4338, 37.8951, 39.5282)

Have a look what the booklet for
XYZ(32.4338, 37.8951, 39.5282)
contains.

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Color

**XYZ(32.3409, 37.8290,
39.3154)**

Conversions

Conversions Part 1

Format	Color
Hex	8EACA1
RGB	142, 172, 161
RGB Percent	56%, 67%, 63%
CMY	0.4431, 0.3255, 0.3686
CMYK	0.17, 0.00, 0.06, 0.33
HSL	158°, 15%, 62%
HSV	158°, 17%, 67%
XYZ	32.3409, 37.8290, 39.3154
YIQ	161.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

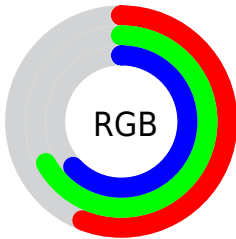
Format	Color
RYB	142, 160, 172
Decimal	9350305
CIELab	67.89, -12.55, 2.23
CIELCh	68, 12.744, 169.932
Yxy	37.8290, 0.2954, 0.3455
Android (android.graphics.Color)	4287540385 (0xFF8EACA1)
YUV	161.7760, -0.3826, -17.3436
Hunter-Lab	61.5053, -13.7748, 5.1544

Details

The XYZ color **32.3409, 37.8290, 39.3154** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.4374, 30.4176, 34.3003**, and the grayscale version is **34.2452, 36.0287, 39.2352**.

A 20% lighter version of the original color is **62.6287, 71.6318, 75.4912**, and **13.8453, 16.7829, 17.2615** is the 20% darker color. If you saturate the color by 10%, you get **29.0724, 36.2077, 36.3321**, and if you desaturate by 10%, it is **36.0950, 39.6995, 42.4695**.

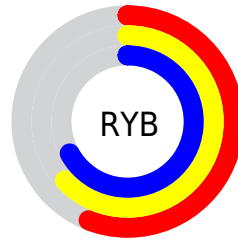
Distribution



Red (56%)

Green (67%)

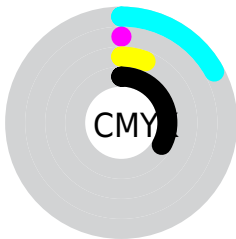
Blue (63%)



Red (56%)

Yellow (63%)

Blue (67%)

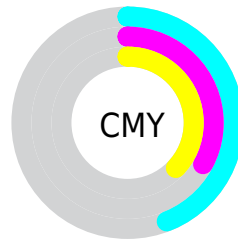


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3409, 37.8290, 39.3154 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 32.3409, 37.8290, 39.3154 by changing the saturation by 10% instead.

■ 32.3409, 37.8290,
39.3154

■ 32.3409, 37.8290,
39.3154

304.3870,
336.8859, 358.6955

■ 21.7788, 25.8500,
26.6955

■ 62.7067, 71.8460,
75.3455

■ 13.8102, 16.7115,
17.1142

■ 83.2412, 94.6527,
99.5928

■ 8.0696, 10.0290,
10.1531

■ 107.8305,
121.8375, 128.5530

■ 4.1917, 5.4182,
5.3937

136.8400,
153.7847, 162.6445

■ 1.8111, 2.4947,
2.4173

170.6350,
190.8788, 202.2860

■ 0.5244, 0.8740,
0.7958

209.5810,

■ 0.0000, 0.0000,

233.5041, 247.8960

0.0000

254.0432,
282.0450, 299.8929

■ 32.3409, 37.8290,
39.3154

■ 32.3409, 37.8290,
39.3154

■ 29.0724, 36.2077,
36.3321

■ 36.0950, 39.6995,
42.4695

■ 26.2650, 34.8199,
33.5140

■ 40.3515, 41.8245,
45.7950

■ 23.8971, 33.6555,
30.8586

■ 45.1300, 44.2154,
49.2955

■ 21.9437, 32.7017,
28.3626

■ 50.4484, 46.8813,
52.9739

■ 20.3774, 31.9445,
26.0224

■ 56.3236, 49.8307,
56.8330

■ 19.1672, 31.3678,
23.8342

■ 62.7717, 53.0720,
60.8755

■ 18.2772, 30.9532,
21.7939

■ 67.0314, 55.1817,
64.9741

■ 17.6522, 30.6724,
19.8964

■ 67.8092, 55.4928,
69.0700

■ 17.5096, 30.6089,
19.4325

■ 68.6181, 55.8163,
73.3294

Harmonies

Analogous

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



33.1240, 37.8290, 34.5716



32.3409, 37.8290, 39.3154



32.4988, 37.8290, 45.0133

Triad

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



32.3409, 37.8290, 39.3154



37.2669, 37.8290, 52.2950



38.4581, 37.8290, 33.4070

Complementary

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



32.3409, 37.8290, 39.3154



32.4374, 30.4176, 34.3003

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.



39.6486, 37.8290, 37.5883



32.3409, 37.8290, 39.3154



38.9436, 37.8290, 48.6020

Square

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



32.3409, 37.8290, 39.3154



35.2949, 37.8290, 52.8652



39.8295, 37.8290, 43.1219



36.6239, 37.8290, 31.3732

Rectangle

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



32.3409, 37.8290, 39.3154



33.1185, 37.8290, 48.5800



39.8295, 37.8290, 43.1219



38.9497, 37.8290, 34.5891

Sweetspot

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



32.3420, 37.8306, 39.3162



67.2122, 72.8821, 78.4337



32.8677, 38.2807, 31.2485



14.4969, 15.7841, 16.9578



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.3420, 37.8306, 39.3162



56.2347, 67.4169, 69.1565



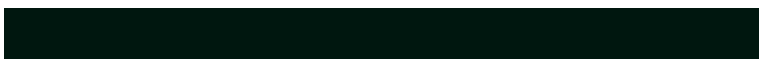
32.6981, 36.9211, 44.4346



8.1098, 9.0215, 9.6033



13.0565, 22.7879, 14.6030



0.3883, 0.6440, 0.5385

Inverse Universe

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



32.4374, 30.4176, 34.3003



56.4416, 51.3848, 58.3112



32.0989, 31.1287, 29.9085



8.1221, 8.0621, 8.9539



13.3544, 6.8043, 4.2457



0.3983, 0.2000, 0.2593

Previews

White Background



This preview shows how the XYZ color 32.3409, 37.8290, 39.3154 looks on a white background.

Color Contrast Check

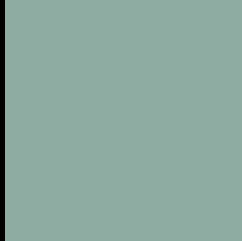
Large Text (above 18pt) WCAG AA × Fail

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 32.3409, 37.8290, 39.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

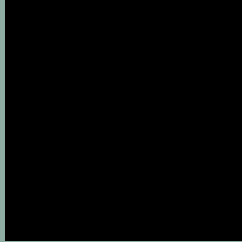
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

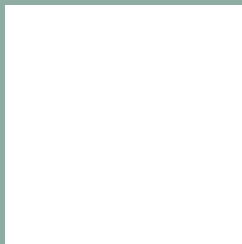
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3409, 37.8290, 39.3154

Background



This preview shows how black text looks on a background with the XYZ color 32.3409, 37.8290, 39.3154.



This preview shows how white text looks on a background with the XYZ color 32.3409, 37.8290,

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

32.3409, 37.8290, 39.3154

Protanopia

35.9388, 37.5313, 37.2484

Deuteranopia

38.3277, 37.6457, 40.3682



Tritanopia

34.4855, 37.8643, 49.7469

Trichromacy



Original Color

32.3409, 37.8290, 39.3154

Protanomaly

34.4875, 37.5796, 37.7837

Deuteranomaly

35.8227, 37.4108, 39.9833

Tritanomaly

33.6918, 37.8252, 45.5696

Monochromacy



Original Color

32.3409, 37.8290, 39.3154

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.6754, 36.8496, 39.5202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3409, 37.8290, 39.3154 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(142, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(142, 172, 161)  
}
```

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(142, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 172, 161) }
```

Border

The CSS property to change the border of an element to XYZ 32.3409, 37.8290, 39.3154 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(142, 172, 161) }
```


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

```
.border{ border-color:rgb(142, 172, 161) }
```

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

Here you see how a box with a 4 pixel rgb(142, 172, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(142, 172,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3409, 37.8290, 39.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 172, 161) }
```

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

```
.background{ background-color: rgb(142,  
172, 161) }
```

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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