

Converting Colors

XYZ(32.1349, 31.5410, 38.3697)

Have a look what the booklet for
XYZ(32.1349, 31.5410, 38.3697)
contains.

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Color

**XYZ(32.2157, 31.5750,
38.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	A394A2
RGB	163, 148, 162
RGB Percent	64%, 58%, 64%
CMY	0.3608, 0.4196, 0.3647
CMYK	0.00, 0.09, 0.01, 0.36
HSL	304°, 8%, 61%
HSV	304°, 9%, 64%
XYZ	32.2157, 31.5750, 38.5790
YIQ	154.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

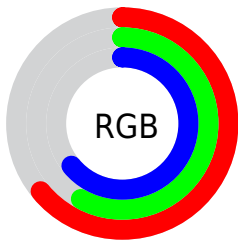
Format	Color
R_{YB}	163, 148, 162
Decimal	10720418
CIE Lab	62.99, 8.14, -5.33
CIE LCh	63, 9.732, 326.770
Yxy	31.5750, 0.3147, 0.3084
Android (android.graphics.Color)	4288910498 (0xFFA394A2)
YUV	154.0810, 3.9041, 7.8220
Hunter-Lab	56.1916, 4.0020, -1.3721

Details

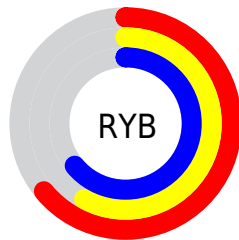
The XYZ color **32.2157, 31.5750, 38.5790** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7359, 34.6610, 33.5057**, and the grayscale version is **30.7335, 32.3340, 35.2118**.

A 20% lighter version of the original color is **62.5584, 62.1562, 74.3458**, and **13.6447, 13.0547, 16.5525** is the 20% darker color. If you saturate the color by 10%, you get **29.7410, 26.7792, 37.2799**, and if you desaturate by 10%, it is **35.0531, 37.0940, 40.0039**.

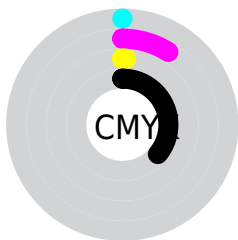
Distribution



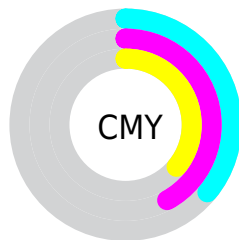
- Red (64%)
- Green (58%)
- Blue (64%)



- Red (64%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2157, 31.5750, 38.5790 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 32.2157, 31.5750, 38.5790 by changing the saturation by 10% instead.

■ 32.2157, 31.5750,
38.5790

■ 32.2157, 31.5750,
38.5790

303.8285,
309.1787, 355.4696

■ 21.6827, 21.0371,
26.1271

■ 62.5120, 62.1442,
74.2080

■ 13.7392, 13.1511,
16.6921

■ 83.0060, 82.9443,
98.2221

■ 8.0200, 7.5327,
9.8556

107.5509,
107.9340, 126.9273

■ 4.1597, 3.7974,
5.1990

136.5123,
137.4975, 160.7423

■ 1.7928, 1.5609,
2.3037

170.2554,
172.0193, 200.0854

■ 0.5134, 0.3310,
0.7333

209.1455,

■ 0.0000, 0.0000,

211.8839, 245.3753

0.0000

253.5481,
257.4755, 297.0306

■ 32.2157, 31.5750,
38.5790

■ 32.2157, 31.5750,
38.5790

■ 29.7410, 26.7792,
37.2799

■ 35.0531, 37.0940,
40.0039

■ 27.6114, 22.6724,
36.0995

■ 38.2645, 43.3603,
41.5572

■ 25.8116, 19.2242,
35.0333

■ 41.8643, 50.4018,
43.2441

■ 24.3245, 16.3999,
34.0753

■ 45.8650, 58.2439,
45.0688

■ 23.1311, 14.1617,
33.2193

■ 50.2788, 66.9109,
47.0353

■ 22.2106, 12.4680,
32.4583

■ 55.1173, 76.4259,
49.1476

■ 21.5393, 11.2714,
31.7844

■ 58.0831, 82.1941,
50.6398

■ 21.0895, 10.5165,
31.1885

■ 58.1860, 82.2353,
51.1820

■ 20.8041, 10.0891,
30.6514

■ 58.2898, 82.2768,
51.7286

Harmonies

Analogous

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



31.1853, 31.5750, 41.3890



32.2157, 31.5750, 38.5790



32.6546, 31.5750, 34.7967

Triad

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



32.2157, 31.5750, 38.5790



30.1563, 31.5750, 27.5336



27.7715, 31.5750, 37.8076

Complementary

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



32.2157, 31.5750, 38.5790



30.7359, 34.6610, 33.5057

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.



27.5143, 31.5750, 33.9663



32.2157, 31.5750, 38.5790



28.8668, 31.5750, 28.2103

Square

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



32.2157, 31.5750, 38.5790



31.4436, 31.5750, 28.5757



27.9094, 31.5750, 30.4969



28.6228, 31.5750, 40.9209

Rectangle

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



32.2157, 31.5750, 38.5790



32.5432, 31.5750, 32.2967



27.9094, 31.5750, 30.4969



27.6138, 31.5750, 36.5506

Sweetspot

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



32.2166, 31.5764, 38.5797



60.7402, 62.4662, 70.6329



29.5966, 30.2154, 38.9229



13.5515, 13.8536, 15.8185



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.2166, 31.5764, 38.5797



56.7577, 54.7272, 68.6086



31.5696, 31.3176, 35.1728



7.3438, 7.1940, 8.7971



16.1586, 7.8195, 23.8235



0.3452, 0.1666, 0.5304

Inverse Universe

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



32.2166, 31.5764, 38.5797



56.7577, 54.7272, 68.6086



31.3542, 34.9083, 36.7613



7.3438, 7.1940, 8.7971



16.1586, 7.8195, 23.8235



0.3452, 0.1666, 0.5304

Previews

White Background



This preview shows how the XYZ color 32.2157, 31.5750, 38.5790 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 32.2157, 31.5750, 38.5790 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 32.2157, 31.5750, 38.5790

Background



This preview shows how black text looks on a background with the XYZ color 32.2157, 31.5750, 38.5790.



This preview shows how white text looks on a background with the XYZ color 32.2157, 31.5750,

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

32.2157, 31.5750, 38.5790

Protanopia

30.8780, 31.8122, 39.6349

Deuteranopia

32.2157, 31.5750, 38.5790



Tritanopia

32.0393, 31.5044, 37.6500

Trichromacy



Original Color

32.2157, 31.5750, 38.5790

Protanomaly

31.3878, 31.8455, 39.1428

Deuteranomaly

32.2157, 31.5750, 38.5790

Tritanomaly

32.1272, 31.5395, 38.1127

Monochromacy



Original Color

32.2157, 31.5750, 38.5790

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2187, 32.0589, 36.4409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2157, 31.5750, 38.5790 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(163, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 162)  
}
```

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(163, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.2157, 31.5750, 38.5790 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(163, 148, 162) }
```


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

```
.border{ border-color:rgb(163, 148, 162) }
```

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

Here you see how a box with a 4 pixel rgb(163, 148, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2157, 31.5750, 38.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 162) }
```

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

```
.background{ background-color: rgb(163,  
148, 162) }
```

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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