

Converting Colors

XYZ(32.3877, 32.1738, 36.8509)

Have a look what the booklet for
XYZ(32.3877, 32.1738, 36.8509)
contains.

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Color

**XYZ(32.3877, 32.1738,
36.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	A4969E
RGB	164, 150, 158
RGB Percent	64%, 59%, 62%
CMY	0.3569, 0.4117, 0.3804
CMYK	0.00, 0.09, 0.04, 0.36
HSL	326°, 7%, 62%
HSV	326°, 9%, 64%
XYZ	32.3877, 32.1738, 36.8509
YIQ	155.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

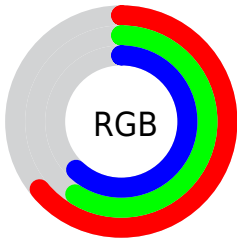
Format	Color
RYB	164, 150, 158
Decimal	10786462
CIELab	63.49, 6.62, -2.33
CIELCh	63, 7.020, 340.596
Yxy	32.1738, 0.3194, 0.3173
Android (android.graphics.Color)	4288976542 (0xFFA4969E)
YUV	155.0980, 1.4307, 7.8071
Hunter-Lab	56.7220, 2.6584, 1.1861

Details

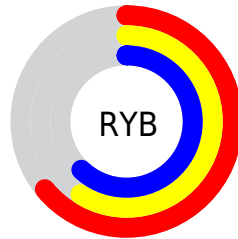
The XYZ color **32.3877, 32.1738, 36.8509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8551, 35.4360, 36.6150**, and the grayscale version is **31.1919, 32.8163, 35.7369**.

A 20% lighter version of the original color is **62.8165, 63.0499, 71.8098**, and **13.7978, 13.4300, 15.7749** is the 20% darker color. If you saturate the color by 10%, you get **29.3640, 27.0669, 32.9427**, and if you desaturate by 10%, it is **35.8141, 38.0299, 41.0650**.

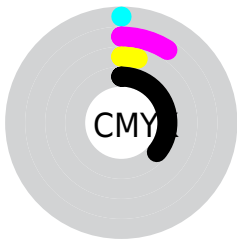
Distribution



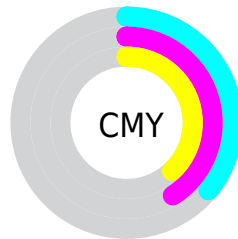
- Red (64%)
- Green (59%)
- Blue (62%)



- Red (64%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3877, 32.1738, 36.8509 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 32.3877, 32.1738, 36.8509 by changing the saturation by 10% instead.

■ 32.3877, 32.1738,
36.8509

■ 32.3877, 32.1738,
36.8509

304.5956,
311.9102, 347.8138

■ 21.8148, 21.4943,
24.7972

■ 62.7795, 63.0835,
71.5272

■ 13.8367, 13.4858,
15.7084

■ 83.3291, 84.0824,
94.9868

■ 8.0881, 7.7639,
9.1659

107.9349,
109.2899, 123.0855

■ 4.2037, 3.9442,
4.7513

136.9624,
139.0904, 156.2418

■ 1.8180, 1.6424,
2.0459

170.7768,
173.8683, 194.8742

■ 0.5285, 0.3860,
0.5833

209.7436,

■ 0.0000, 0.0000,

214.0080, 239.4014

0.0000

254.2281,
259.8938, 290.2417

■ 32.3877, 32.1738,
36.8509

■ 32.3877, 32.1738,
36.8509

■ 29.3640, 27.0669,
32.9427

■ 35.8141, 38.0299,
41.0650

■ 26.7246, 22.6745,
29.3301

■ 39.6553, 44.6597,
45.5905

■ 24.4536, 18.9655,
26.0055

■ 43.9263, 52.0918,
50.4355

■ 22.5331, 15.9046,
22.9597

■ 48.6403, 60.3521,
55.6071

■ 20.9432, 13.4536,
20.1832

■ 53.8103, 69.4652,
61.1121

■ 19.6624, 11.5701,
17.6656

■ 59.4483, 79.4549,
66.9572

■ 18.6662, 10.2063,
15.3955

■ 62.3582, 83.9279,
72.0794

■ 17.9260, 9.3063,
13.3601

■ 63.2383, 84.2799,
76.7138

■ 17.3895, 8.7661,
11.5383

■ 64.1571, 84.6475,
81.5525

Harmonies

Analogous

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



31.8198, 32.1738, 39.2806



32.3877, 32.1738, 36.8509



32.4654, 32.1738, 34.0511

Triad

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



32.3877, 32.1738, 36.8509



30.2359, 32.1738, 30.0021



29.1750, 32.1738, 38.6530

Complementary

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



32.3877, 32.1738, 36.8509



31.8551, 35.4360, 36.6150

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.



28.7695, 32.1738, 36.0311



32.3877, 32.1738, 36.8509



29.3733, 32.1738, 31.1010

Square

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



32.3877, 32.1738, 36.8509



31.2090, 32.1738, 30.1955



28.8413, 32.1738, 33.2736



29.9600, 32.1738, 40.3588

Rectangle

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



32.3877, 32.1738, 36.8509



32.2270, 32.1738, 32.3625



28.8413, 32.1738, 33.2736



28.9906, 32.1738, 37.8440

Sweetspot

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



32.3886, 32.1752, 36.8516



62.1046, 64.0534, 71.0115



31.2865, 31.5459, 39.5623



13.4708, 13.8213, 15.3936



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.



32.3886, 32.1752, 36.8516



57.8330, 56.7776, 65.6803



31.8167, 31.9464, 33.8401



7.2354, 7.1506, 8.2258



13.3019, 6.6768, 8.7806



0.3025, 0.1495, 0.3058

Inverse Universe

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



32.3886, 32.1752, 36.8516



57.8330, 56.7776, 65.6803



32.4500, 35.6740, 39.7480



7.2354, 7.1506, 8.2258



13.3019, 6.6768, 8.7806



0.3025, 0.1495, 0.3058

Previews

White Background



This preview shows how the XYZ color 32.3877, 32.1738, 36.8509 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 32.3877, 32.1738, 36.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

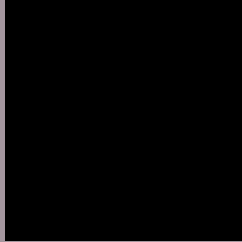
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3877, 32.1738, 36.8509

Background



This preview shows how black text looks on a background with the XYZ color 32.3877, 32.1738, 36.8509.



This preview shows how white text looks on a background with the XYZ color 32.3877, 32.1738,

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

32.3877, 32.1738, 36.8509

Protanopia

31.2540, 32.2891, 37.8429

Deuteranopia

32.8554, 32.1790, 36.8273



Tritanopia

32.4903, 31.9606, 38.1748

Trichromacy



Original Color

32.3877, 32.1738, 36.8509

Protanomaly

31.5868, 32.2288, 37.3569

Deuteranomaly

32.6449, 32.0705, 36.8174

Tritanomaly

32.4025, 31.9255, 37.7121

Monochromacy



Original Color

32.3877, 32.1738, 36.8509

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4925, 32.4519, 36.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3877, 32.1738, 36.8509 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(164, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 158)  
}
```

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(164, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.3877, 32.1738, 36.8509 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(164, 150, 158) }
```


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

```
.border{ border-color:rgb(164, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3877, 32.1738, 36.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 158) }
```

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

```
.background{ background-color: rgb(164,  
150, 158) }
```

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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