

Converting Colors

XYZ(30.6472, 32.2918, 36.4389)

Have a look what the booklet for
XYZ(30.6472, 32.2918, 36.4389)
contains.

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Color

**XYZ(30.5903, 32.2209,
36.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	989A9D
RGB	152, 154, 157
RGB Percent	60%, 60%, 62%
CMY	0.4039, 0.3961, 0.3843
CMYK	0.03, 0.02, 0.00, 0.38
HSL	216°, 2%, 61%
HSV	216°, 3%, 62%
XYZ	30.5903, 32.2209, 36.5053
YIQ	153.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

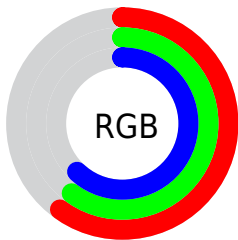
Format	Color
RYB	152, 153, 157
Decimal	10001053
CIELab	63.53, -0.13, -1.83
CIELCh	64, 1.833, 265.948
Yxy	32.2209, 0.3080, 0.3244
Android (android.graphics.Color)	4288191133 (0xFF989A9D)
YUV	153.7440, 1.6052, -1.5295
Hunter-Lab	56.7635, -3.1409, 1.6043

Details

The XYZ color **30.5903, 32.2209, 36.5053** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2936, 32.8775, 34.4029**, and the grayscale version is **30.5976, 32.1910, 35.0561**.

A 20% lighter version of the original color is **59.8931, 62.9870, 71.2884**, and **12.8186, 13.5078, 15.5673** is the 20% darker color. If you saturate the color by 10%, you get **26.3513, 27.8199, 35.8797**, and if you desaturate by 10%, it is **35.3420, 37.0688, 37.1911**.

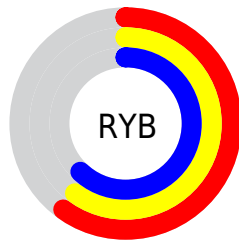
Distribution



Red (60%)

Green (60%)

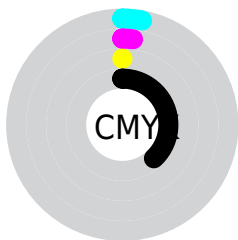
Blue (62%)



Red (60%)

Yellow (60%)

Blue (62%)

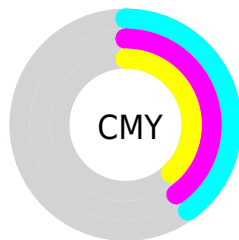


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5903, 32.2209, 36.5053 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 30.5903, 32.2209, 36.5053 by changing the saturation by 10% instead.

■ 30.5903, 32.2209,
36.5053

■ 30.5903, 32.2209,
36.5053

296.5071,
312.1243, 346.2677

■ 20.4374, 21.5303,
24.5319

■ 59.9747, 63.1572,
70.9891

■ 12.8235, 13.5122,
15.5128

■ 79.9369, 84.1717,
94.3366

■ 7.3833, 7.7822,
9.0295

103.8995,
109.3963, 122.3125

■ 3.7514, 3.9559,
4.6633

132.2280,
139.2154, 155.3354

■ 1.5625, 1.6489,
1.9959

165.2876,
174.0133, 193.8238

■ 0.3678, 0.3902,
0.5527

203.4438,

■ 0.0000, 0.0000,

214.1745, 238.1963

0.0000

247.0618,
260.0834, 288.8715

■ 30.5903, 32.2209,
36.5053

■ 30.5903, 32.2209,
36.5053

■ 26.3513, 27.8199,
35.8797

■ 35.3420, 37.0688,
37.1911

■ 22.6042, 23.8484,
35.3106

■ 40.6207, 42.3723,
37.9366

■ 19.3310, 20.2936,
34.7970

■ 46.4434, 48.1450,
38.7439

■ 16.5113, 17.1407,
34.3371

■ 52.8256, 54.3987,
39.6146

■ 14.1232, 14.3736,
33.9288

■ 59.7823, 61.1445,
40.5500

■ 12.1430, 11.9754,
33.5703

■ 67.3277, 68.3934,
41.5515

■ 10.5442, 9.9273,
33.2592

■ 72.8904, 74.8234,
42.4994

■ 9.2969, 8.2087,
32.9932

■ 75.4292, 79.9009,
43.3457

■ 8.3661, 6.7957,
32.7696

■ 78.1092, 85.2609,
44.2390

Harmonies

Analogous

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



30.3507, 32.2209, 36.2617



30.5903, 32.2209, 36.5053



30.8405, 32.2209, 36.3635

Triad

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



30.5903, 32.2209, 36.5053



31.0689, 32.2209, 34.4711



30.2198, 32.2209, 34.3012

Complementary

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



30.5903, 32.2209, 36.5053



31.2936, 32.8775, 34.4029

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.



30.4105, 32.2209, 33.8331



30.5903, 32.2209, 36.5053



30.9009, 32.2209, 33.9303

Square

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



30.5903, 32.2209, 36.5053



31.1177, 32.2209, 35.1826



30.6597, 32.2209, 33.6983



30.1376, 32.2209, 34.9838

Rectangle

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



30.5903, 32.2209, 36.5053



30.9794, 32.2209, 36.0705



30.6597, 32.2209, 33.6983



30.2733, 32.2209, 34.1139

Sweetspot

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



30.5912, 32.2223, 36.5060



56.5487, 59.5172, 65.6343



30.9158, 33.1537, 35.7440



12.4544, 13.1078, 14.4440



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.5912, 32.2223, 36.5060



54.0707, 56.9705, 65.2733



30.3416, 31.6070, 36.4004



6.9540, 7.3282, 8.4546



6.4153, 4.9221, 26.5192



0.1549, 0.1684, 0.4876

Inverse Universe

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



30.9663, 31.9583, 35.1099



54.9270, 56.3736, 62.0848



31.5485, 33.5078, 34.5111



7.0796, 7.2411, 7.9867



12.0364, 6.1191, 4.4424



0.2355, 0.1175, 0.1862

Previews

White Background



This preview shows how the XYZ color 30.5903, 32.2209, 36.5053 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 30.5903, 32.2209, 36.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

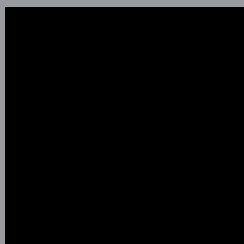
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

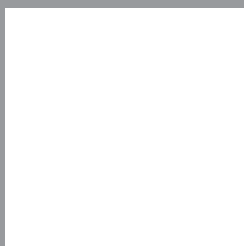
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5903, 32.2209, 36.5053

Background



This preview shows how black text looks on a background with the XYZ color 30.5903, 32.2209, 36.5053.



This preview shows how white text looks on a background with the XYZ color 30.5903, 32.2209,

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

30.5903, 32.2209, 36.5053

Protanopia

31.1023, 32.2507, 36.0382

Deuteranopia

32.8554, 32.1790, 36.8273



Tritanopia

31.3196, 32.2714, 40.1756

Trichromacy



Original Color

30.5903, 32.2209, 36.5053

Protanomaly

30.9096, 32.1513, 36.0292

Deuteranomaly

32.1385, 32.2832, 36.8852

Tritanomaly

31.0497, 32.1634, 38.7541

Monochromacy



Original Color

30.5903, 32.2209, 36.5053

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6089, 32.2501, 35.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5903, 32.2209, 36.5053 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(152, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 154, 157)  
}
```

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(152, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 154, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.5903, 32.2209, 36.5053 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(152, 154, 157) }
```


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

```
.border{ border-color:rgb(152, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 154,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5903, 32.2209, 36.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 154, 157) }
```

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

```
.background{ background-color: rgb(152,  
154, 157) }
```

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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