

Converting Colors

XYZ(30.7592, 31.8341, 36.0609)

Have a look what the booklet for
XYZ(30.7592, 31.8341, 36.0609)
contains.

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Color

**XYZ(30.7466, 31.8253,
35.9749)**

Conversions

Conversions Part 1

Format	Color
Hex	9B989C
RGB	155, 152, 156
RGB Percent	61%, 60%, 61%
CMY	0.3922, 0.4039, 0.3882
CMYK	0.01, 0.03, 0.00, 0.39
HSL	285°, 2%, 60%
HSV	285°, 3%, 61%
XYZ	30.7466, 31.8253, 35.9749
YIQ	153.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

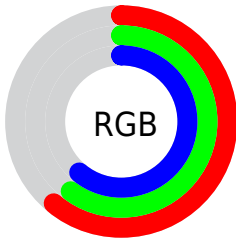
Format	Color
R _Y B	155, 152, 156
Decimal	10197148
CIE Lab	63.20, 1.86, -1.72
CIE LCh	63, 2.532, 317.340
Yxy	31.8253, 0.3120, 0.3229
Android (android.graphics.Color)	4288387228 (0xFF9B989C)
YUV	153.3530, 1.3050, 1.4444
Hunter-Lab	56.4139, -1.4386, 1.6808

Details

The XYZ color **30.7466, 31.8253, 35.9749** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6939, 32.8171, 34.4239**, and the grayscale version is **30.4272, 32.0117, 34.8608**.

A 20% lighter version of the original color is **59.9987, 62.3511, 69.8455**, and **12.9124, 13.2703, 15.2455** is the 20% darker color. If you saturate the color by 10%, you get **27.6431, 26.7114, 35.1519**, and if you desaturate by 10%, it is **34.2092, 37.6204, 36.9115**.

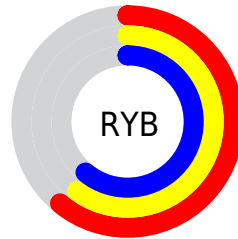
Distribution



Red (61%)

Green (60%)

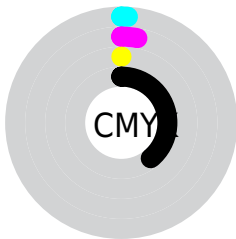
Blue (61%)



Red (61%)

Yellow (60%)

Blue (61%)

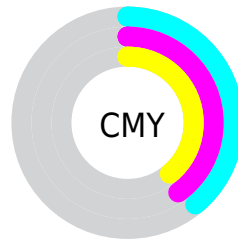


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7466, 31.8253, 35.9749 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 30.7466, 31.8253, 35.9749 by changing the saturation by 10% instead.

■ 30.7466, 31.8253,
35.9749

■ 30.7466, 31.8253,
35.9749

297.2170,
310.3227, 343.8849

■ 20.5568, 21.2281,
24.1253

■ 60.2195, 62.5371,
70.1619

■ 12.9111, 13.2908,
15.2135

■ 80.2333, 83.4205,
93.3364

■ 7.4439, 7.6291,
8.8211

104.2525,
108.5014, 121.1229

■ 3.7900, 3.8586,
4.5295

132.6425,
138.1643, 153.9400

■ 1.5840, 1.5948,
1.9201

165.7685,
172.7934, 192.2062

■ 0.3820, 0.3541,
0.5055

203.9961,

■ 0.0000, 0.0000,

212.7733, 236.3401

0.0000

247.6904,
258.4882, 286.7601

■ 30.7466, 31.8253,
35.9749

■ 30.7466, 31.8253,
35.9749

■ 27.6431, 26.7114,
35.1519

■ 34.2092, 37.6204,
36.9115

■ 24.8827, 22.2488,
34.4360

■ 38.0405, 44.1173,
37.9635

■ 22.4525, 18.4112,
33.8233

■ 42.2532, 51.3404,
39.1357

■ 20.3375, 15.1691,
33.3090

■ 46.8586, 59.3120,
40.4316

■ 18.5215, 12.4904,
32.8877

■ 51.8675, 68.0533,
41.8549

■ 16.9868, 10.3402,
32.5535

■ 57.2902, 77.5847,
43.4088

■ 15.7137, 8.6793,
32.3001

■ 61.1253, 83.9031,
44.4263

■ 14.6797, 7.4632,
32.1198

■ 62.0617, 84.3858,
44.4701

■ 13.8583, 6.6391,
32.0041

■ 63.0239, 84.8818,
44.5151

Harmonies

Analogous

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



30.4500, 31.8253, 36.5249



30.7466, 31.8253, 35.9749



30.9104, 31.8253, 35.0765

Triad

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



30.7466, 31.8253, 35.9749



30.3967, 31.8253, 32.8056



29.6111, 31.8253, 35.2300

Complementary

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



30.7466, 31.8253, 35.9749



30.6939, 32.8171, 34.4239

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.



29.5971, 31.8253, 34.2316



30.7466, 31.8253, 35.9749



30.0489, 31.8253, 32.8449

Square

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



30.7466, 31.8253, 35.9749



30.7073, 31.8253, 33.2542



29.7568, 31.8253, 33.3626



29.7952, 31.8253, 36.0891

Rectangle

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



30.7466, 31.8253, 35.9749



30.9214, 31.8253, 34.4067



29.7568, 31.8253, 33.3626



29.5864, 31.8253, 34.8992

Sweetspot

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



30.7475, 31.8267, 35.9756



56.7725, 59.3473, 65.5897



30.3530, 31.8813, 36.0069



12.5006, 13.0727, 14.4348



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.



30.7475, 31.8267, 35.9756



55.5501, 57.3151, 65.2619



30.8615, 31.8945, 35.5701



7.1530, 7.3494, 8.4482



11.0170, 5.1085, 26.3126



0.2327, 0.1098, 0.4722

Inverse Universe

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



30.6894, 31.8257, 34.6638



55.4250, 57.3133, 62.4244



30.5827, 32.7509, 34.8191



7.1336, 7.3492, 8.0044



11.6071, 5.9474, 2.1821



0.2229, 0.1125, 0.1198

Previews

White Background



This preview shows how the XYZ color 30.7466, 31.8253, 35.9749 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 30.7466, 31.8253, 35.9749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

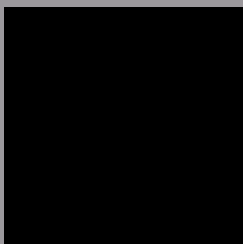
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

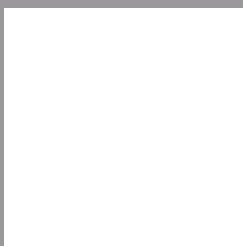
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7466, 31.8253, 35.9749

Background



This preview shows how black text looks on a background with the XYZ color 30.7466, 31.8253, 35.9749.



This preview shows how white text looks on a background with the XYZ color 30.7466, 31.8253,

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

30.7466, 31.8253, 35.9749

Protanopia

30.7466, 31.8253, 35.9749

Deuteranopia

32.4016, 31.7211, 36.3133



Tritanopia

31.3878, 31.8455, 39.1428

Trichromacy



Original Color

30.7466, 31.8253, 35.9749

Protanomaly

30.7466, 31.8253, 35.9749

Deuteranomaly

31.7335, 31.6106, 36.3272

Tritanomaly

31.1221, 31.7392, 37.7437

Monochromacy



Original Color

30.7466, 31.8253, 35.9749

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5504, 31.9856, 35.1355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7466, 31.8253, 35.9749 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(155, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 156)  
}
```

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(155, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.7466, 31.8253, 35.9749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

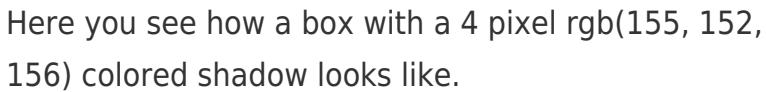
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 152, 156) }
```


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

```
.border{ border-color:rgb(155, 152, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 152, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 152, 156); box-shadow:4px 4px 4px 4px rgb(155, 152, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7466, 31.8253, 35.9749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 156) }
```

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

```
.background{ background-color: rgb(155,  
152, 156) }
```

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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