

Converting Colors

XYZ(30.7347, 31.1020, 36.2701)

Have a look what the booklet for
XYZ(30.7347, 31.1020, 36.2701)
contains.

XYZ(30.7379, 31.0973, 36.2806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.7379, 31.0973,
36.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	9D959D
RGB	157, 149, 157
RGB Percent	62%, 58%, 62%
CMY	0.3843, 0.4157, 0.3843
CMYK	0.00, 0.05, 0.00, 0.38
HSL	300°, 4%, 60%
HSV	300°, 5%, 62%
XYZ	30.7379, 31.0973, 36.2806
YIQ	152.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

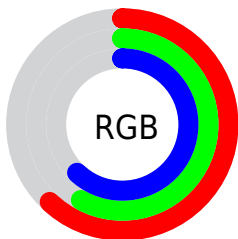
Format	Color
R_{YB}	157, 149, 157
Decimal	10327453
CIE _{Lab}	62.59, 4.45, -3.16
CIE _{LCh}	63, 5.457, 324.676
Yxy	31.0973, 0.3133, 0.3169
Android (android.graphics.Color)	4288517533 (0xFF9D959D)
YUV	152.3040, 2.3151, 4.1184
Hunter-Lab	55.7650, 0.8014, 0.4615

Details

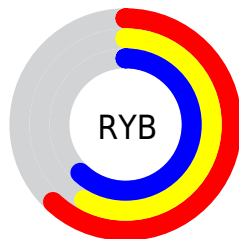
The XYZ color **30.7379, 31.0973, 36.2806** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8774, 32.6743, 33.1675**, and the grayscale version is **29.9667, 31.5273, 34.3333**.

A 20% lighter version of the original color is **60.3910, 61.4624, 70.9678**, and **12.9131, 12.8401, 15.4335** is the 20% darker color. If you saturate the color by 10%, you get **28.4199, 26.4609, 35.5081**, and if you desaturate by 10%, it is **33.3926, 36.4061, 37.1661**.

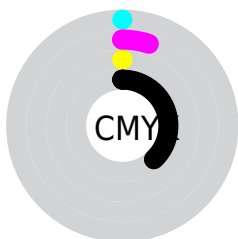
Distribution



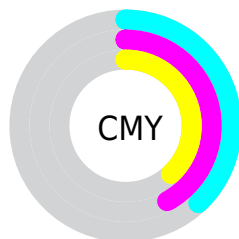
- Red (62%)
- Green (58%)
- Blue (62%)



- Red (62%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7379, 31.0973, 36.2806 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 30.7379, 31.0973, 36.2806 by changing the saturation by 10% instead.

■ 30.7379, 31.0973,
36.2806

■ 30.7379, 31.0973,
36.2806

297.1775,
306.9863, 345.2598

■ 20.5502, 20.6730,
24.3596

■ 60.2058, 61.3932,
70.6389

■ 12.9062, 12.8852,
15.3859

■ 80.2168, 82.0336,
93.9132

■ 7.4405, 7.3495,
8.9410

104.2329,
106.8481, 121.8090

■ 3.7879, 3.6816,
4.6065

132.6194,
136.2211, 154.7449

■ 1.5828, 1.4971,
1.9636

165.7418,
170.5371, 193.1394

■ 0.3812, 0.2867,
0.5328

203.9654,

■ 0.0000, 0.0000,

210.1803, 237.4110

0.0000

247.6555,
255.5353, 287.9783

■ 30.7379, 31.0973,
36.2806

■ 30.7379, 31.0973,
36.2806

■ 28.4199, 26.4609,
35.5081

■ 33.3926, 36.4061,
37.1661

■ 26.4225, 22.4662,
34.8421

■ 36.3938, 42.4085,
38.1667

■ 24.7325, 19.0863,
34.2786

■ 39.7543, 49.1295,
39.2871

■ 23.3346, 16.2906,
33.8124

■ 43.4855, 56.5918,
40.5310

■ 22.2123, 14.0460,
33.4381

■ 47.5982, 64.8171,
41.9021

■ 21.3474, 12.3162,
33.1496

■ 52.1028, 73.8263,
43.4038

■ 20.7194, 11.0603,
32.9401

■ 55.7511, 81.1227,
44.6201

■ 20.3049, 10.2314,
32.8017

■ 55.7511, 81.1227,
44.6203

■ 20.0740, 9.7696,
32.7245

■ 55.7511, 81.1227,
44.6205

Harmonies

Analogous

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



30.1574, 31.0973, 37.7148



30.7379, 31.0973, 36.2806



31.0023, 31.0973, 34.2407

Triad

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



30.7379, 31.0973, 36.2806



29.6898, 31.0973, 29.9475



28.2779, 31.0973, 35.5965

Complementary

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



30.7379, 31.0973, 36.2806



29.8774, 32.6743, 33.1675

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.



28.1575, 31.0973, 33.4815



30.7379, 31.0973, 36.2806



28.9647, 31.0973, 30.2766

Square

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



30.7379, 31.0973, 36.2806



30.3907, 31.0973, 30.6303



28.4068, 31.0973, 31.5489



28.7388, 31.0973, 37.3084

Rectangle

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



30.7379, 31.0973, 36.2806



30.9605, 31.0973, 32.8338



28.4068, 31.0973, 31.5489



28.1966, 31.0973, 34.9067

Sweetspot

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



30.7388, 31.0986, 36.2813



56.4367, 58.4685, 65.4377



29.2290, 30.3203, 36.2107



12.4311, 12.8908, 14.4033



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.



30.7388, 31.0986, 36.2813



54.5979, 54.7909, 64.8246



30.4029, 30.9643, 34.5124



7.0583, 7.0629, 8.3979



16.2355, 7.7988, 26.5551



0.2903, 0.1394, 0.4748

Inverse Universe

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



30.7388, 31.0986, 36.2813



54.5979, 54.7909, 64.8246



30.2023, 32.8043, 34.8781



7.0583, 7.0629, 8.3979



16.2355, 7.7988, 26.5551



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 30.7379, 31.0973, 36.2806 looks on a white background.

Color Contrast Check

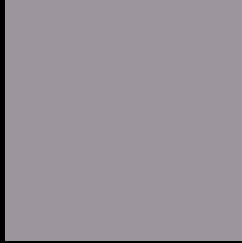
Large Text (above 18pt) WCAG AA × Fail

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 30.7379, 31.0973, 36.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

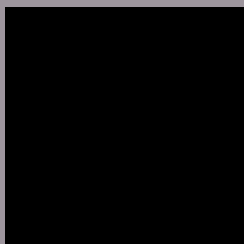
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

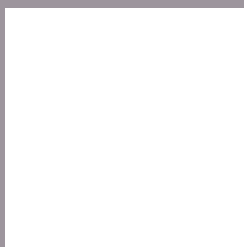
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7379, 31.0973, 36.2806

Background



This preview shows how black text looks on a background with the XYZ color 30.7379, 31.0973, 36.2806.



This preview shows how white text looks on a background with the XYZ color 30.7379, 31.0973,

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

30.7379, 31.0973, 36.2806

Protanopia

30.0268, 30.9567, 36.7404

Deuteranopia

31.6238, 31.0883, 36.2322



Tritanopia

30.8397, 30.8860, 37.5939

Trichromacy



Original Color

30.7379, 31.0973, 36.2806

Protanomaly

30.4043, 31.1513, 36.7581

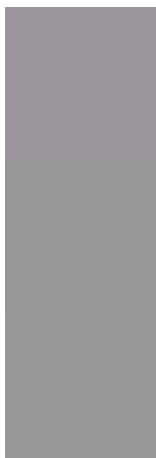
Deuteranomaly

31.3736, 31.1912, 36.2652

Tritanomaly

30.7525, 30.8511, 37.1349

Monochromacy



Original Color

30.7379, 31.0973, 36.2806

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2258, 31.3363, 35.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7379, 31.0973, 36.2806 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(157, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 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(157, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.7379, 31.0973, 36.2806 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(157, 149, 157) }
```


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

```
.border{ border-color:rgb(157, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7379, 31.0973, 36.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 157) }
```

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

```
.background{ background-color: rgb(157,  
149, 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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