

Converting Colors

XYZ(30.6892, 31.0183, 35.9622)

Have a look what the booklet for
XYZ(30.6892, 31.0183, 35.9622)
contains.

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Color

**XYZ(30.6528, 31.0633,
35.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	9D959C
RGB	157, 149, 156
RGB Percent	62%, 58%, 61%
CMY	0.3843, 0.4157, 0.3882
CMYK	0.00, 0.05, 0.01, 0.38
HSL	308°, 4%, 60%
HSV	308°, 5%, 62%
XYZ	30.6528, 31.0633, 35.8327
YIQ	152.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

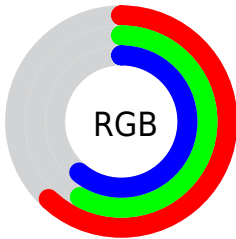
Format	Color
RYB	157, 149, 156
Decimal	10327452
CIELab	62.56, 4.26, -2.63
CIElCh	63, 5.006, 328.286
Yxy	31.0633, 0.3142, 0.3184
Android (android.graphics.Color)	4288517532 (0xFF9D959C)
YUV	152.1900, 1.8783, 4.2184
Hunter-Lab	55.7345, 0.6360, 0.8955

Details

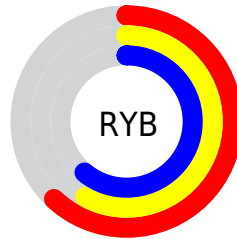
The XYZ color **30.6528, 31.0633, 35.8327** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9576, 32.7063, 33.5898**, and the grayscale version is **29.9192, 31.4773, 34.2788**.

A 20% lighter version of the original color is **60.1402, 61.3621, 69.6471**, and **12.8613, 12.8195, 15.1611** is the 20% darker color. If you saturate the color by 10%, you get **28.1699, 26.3609, 34.1919**, and if you desaturate by 10%, it is **33.4751, 36.4392, 37.6007**.

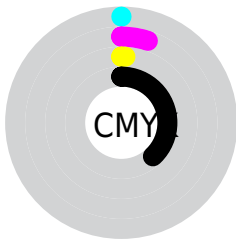
Distribution



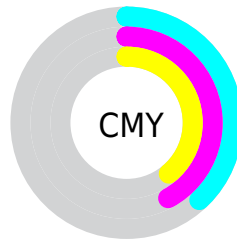
- Red (62%)
- Green (58%)
- Blue (61%)



- Red (62%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6528, 31.0633, 35.8327 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 30.6528, 31.0633, 35.8327 by changing the saturation by 10% instead.

■ 30.6528, 31.0633,
35.8327

■ 30.6528, 31.0633,
35.8327

296.7911,
306.8298, 343.2440

■ 20.4851, 20.6471,
24.0163

■ 60.0726, 61.3397,
69.9399

■ 12.8585, 12.8663,
15.1334

■ 80.0554, 81.9687,
93.0678

■ 7.4075, 7.3365,
8.7654

104.0407,
106.7707, 120.8034

■ 3.7668, 3.6734,
4.4938

132.3938,
136.1301, 153.5650

■ 1.5711, 1.4926,
1.9000

165.4800,
170.4313, 191.7714

■ 0.3734, 0.2835,
0.4927

203.6647,

■ 0.0000, 0.0000,

210.0587, 235.8410

0.0000

247.3133,
255.3968, 286.1923

■ 30.6528, 31.0633,
35.8327

■ 30.6528, 31.0633,
35.8327

■ 28.1699, 26.3609,
34.1919

■ 33.4751, 36.4392,
37.6007

■ 26.0103, 22.3014,
32.6716

■ 36.6465, 42.5096,
39.4980

■ 24.1607, 18.8576,
31.2679

■ 40.1800, 49.2998,
41.5293

■ 22.6059, 15.9991,
29.9754

■ 44.0870, 56.8324,
43.6986

■ 21.3294, 13.6929,
28.7887

■ 48.3781, 65.1291,
46.0094

■ 20.3127, 11.9024,
27.7017

■ 53.0639, 74.2107,
48.4654

■ 19.5357, 10.5868,
26.7073

■ 56.8961, 81.5807,
50.6504

■ 18.9748, 9.6993,
25.7978

■ 57.0829, 81.6554,
51.6340

■ 18.6000, 9.1801,
24.9632

■ 57.2725, 81.7313,
52.6323

Harmonies

Analogous

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



30.1496, 31.0633, 37.2339



30.6528, 31.0633, 35.8327



30.8531, 31.0633, 33.9349

Triad

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



30.6528, 31.0633, 35.8327



29.5639, 31.0633, 30.2107



28.3865, 31.0633, 35.6312

Complementary

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



30.6528, 31.0633, 35.8327



29.9576, 32.7063, 33.5898

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.



28.2350, 31.0633, 33.7106



30.6528, 31.0633, 35.8327



28.9085, 31.0633, 30.6264

Square

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



30.6528, 31.0633, 35.8327



30.2185, 31.0633, 30.7315



28.4247, 31.0633, 31.8892



28.8417, 31.0633, 37.1144

Rectangle

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



30.6528, 31.0633, 35.8327



30.7857, 31.0633, 32.6595



28.4247, 31.0633, 31.8892



28.2987, 31.0633, 35.0131

Sweetspot

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



30.6537, 31.0646, 35.8334



56.3756, 58.4441, 65.1160



29.4000, 30.4085, 36.2186



12.4185, 12.8857, 14.3368



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.



30.6537, 31.0646, 35.8334



54.4152, 54.7179, 63.8627



30.3260, 30.9336, 34.1080



7.0333, 7.0529, 8.2659



14.9913, 7.3011, 20.0028



0.2771, 0.1342, 0.4053

Inverse Universe

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



30.6537, 31.0646, 35.8334



54.4152, 54.7179, 63.8627



30.2796, 32.8351, 35.2855



7.0333, 7.0529, 8.2659



14.9913, 7.3011, 20.0028



0.2771, 0.1342, 0.4053

Previews

White Background



This preview shows how the XYZ color 30.6528, 31.0633, 35.8327 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 30.6528, 31.0633, 35.8327 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

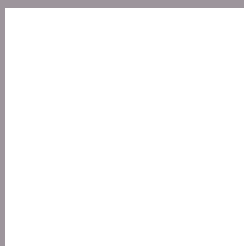
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6528, 31.0633, 35.8327

Background



This preview shows how black text looks on a background with the XYZ color 30.6528, 31.0633, 35.8327.



This preview shows how white text looks on a background with the XYZ color 30.6528, 31.0633,

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

30.6528, 31.0633, 35.8327

Protanopia

29.9410, 30.9224, 36.2888

Deuteranopia

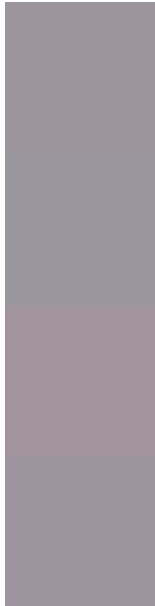
31.7443, 31.1603, 35.7939



Tritanopia

31.0356, 30.9870, 37.6030

Trichromacy



Original Color

30.6528, 31.0633, 35.8327

Protanomaly

30.3186, 31.1170, 36.3065

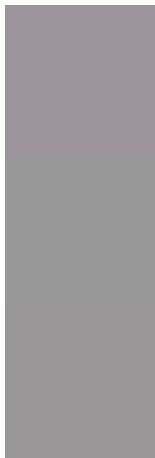
Deuteranomaly

31.2886, 31.1572, 35.8173

Tritanomaly

30.9485, 30.9521, 37.1441

Monochromacy



Original Color

30.6528, 31.0633, 35.8327

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1428, 31.3031, 34.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6528, 31.0633, 35.8327 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 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(157, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.6528, 31.0633, 35.8327 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, 156) }
```


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

```
.border{ border-color:rgb(157, 149, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6528, 31.0633, 35.8327 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, 156) }
```

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

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