

Converting Colors

XYZ(30.5554, 33.2179, 37.4781)

Have a look what the booklet for
XYZ(30.5554, 33.2179, 37.4781)
contains.

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Color

**XYZ(30.5175, 33.1600,
37.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	939E9F
RGB	147, 158, 159
RGB Percent	58%, 62%, 62%
CMY	0.4235, 0.3804, 0.3765
CMYK	0.08, 0.01, 0.00, 0.38
HSL	185°, 6%, 60%
HSV	185°, 8%, 62%
XYZ	30.5175, 33.1600, 37.5930
YIQ	154.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

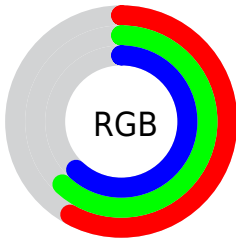
Format	Color
R_YB	147, 153, 159
Decimal	9674399
CIE Lab	64.29, -3.70, -1.88
CIE LCh	64, 4.148, 206.880
Yxy	33.1600, 0.3013, 0.3274
Android (android.graphics.Color)	4287864479 (0xFF939E9F)
YUV	154.8250, 2.0583, -6.8625
Hunter-Lab	57.5847, -6.1757, 1.6030

Details

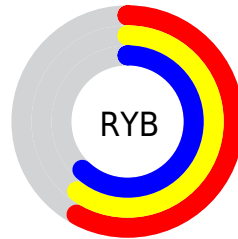
The XYZ color **30.5175, 33.1600, 37.5930** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1546, 30.6571, 31.9323**, and the grayscale version is **31.0725, 32.6907, 35.6002**.

A 20% lighter version of the original color is **60.0192, 64.8610, 72.9744**, and **12.7883, 14.0849, 16.2320** is the 20% darker color. If you saturate the color by 10%, you get **27.6371, 31.3431, 37.3946**, and if you desaturate by 10%, it is **33.7963, 35.1877, 37.8121**.

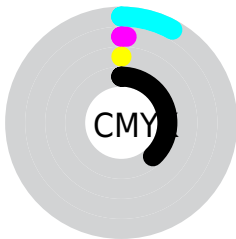
Distribution



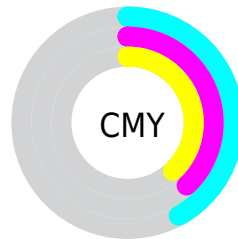
- Red (58%)
- Green (62%)
- Blue (62%)



- Red (58%)
- Yellow (60%)
- Blue (62%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5175, 33.1600, 37.5930 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 30.5175, 33.1600, 37.5930 by changing the saturation by 10% instead.

■ 30.5175, 33.1600,
37.5930

■ 30.5175, 33.1600,
37.5930

296.1760,
316.3701, 351.1165

■ 20.3817, 22.2490,
25.3676

■ 59.8606, 64.6252,
72.6804

■ 12.7827, 14.0400,
16.1296

■ 79.7987, 85.9483,
96.3794

■ 7.3551, 8.1485,
9.4606

103.7350,
111.5109, 124.7401

■ 3.7334, 4.1901,
4.9419

132.0347,
141.6974, 158.1809

■ 1.5525, 1.7805,
2.1551

165.0634,
176.8921, 197.1204

■ 0.3611, 0.4750,
0.6483

203.1862,

■ 0.0000, 0.0000,

217.4796, 241.9771

0.0000

246.7686,
263.8441, 293.1697

■ 30.5175, 33.1600,
37.5930

■ 30.5175, 33.1600,
37.5930

■ 27.6371, 31.3431,
37.3946

■ 33.7963, 35.1877,
37.8121

■ 25.1362, 29.7246,
37.2140

■ 37.4859, 37.4298,
38.0504

■ 22.9986, 28.2969,
37.0511

■ 41.6016, 39.8953,
38.3094

■ 21.2059, 27.0505,
36.9050

■ 46.1569, 42.5910,
38.5896

■ 19.7377, 25.9751,
36.7748

■ 51.1650, 45.5237,
38.8917

■ 18.5720, 25.0590,
36.6595

■ 56.6383, 48.7000,
39.2163

■ 17.6835, 24.2895,
36.5578

■ 61.3636, 51.4943,
39.5066

■ 17.0434, 23.6515,
36.4684

■ 61.6075, 51.9820,
39.5879

■ 16.6026, 23.1198,
36.3890

■ 61.8538, 52.4747,
39.6700

Harmonies

Analogous

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



30.3995, 33.1600, 35.9292



30.5175, 33.1600, 37.5930



30.9024, 33.1600, 38.8927

Triad

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



30.5175, 33.1600, 37.5930



32.4763, 33.1600, 37.9082



31.5793, 33.1600, 32.9607

Complementary

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



30.5175, 33.1600, 37.5930



30.1546, 30.6571, 31.9323

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.



32.1409, 33.1600, 33.4549



30.5175, 33.1600, 37.5930



32.6628, 33.1600, 36.2826

Square

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



30.5175, 33.1600, 37.5930



32.0328, 33.1600, 39.0787



32.5393, 33.1600, 34.6580



31.0080, 33.1600, 33.2873

Rectangle

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



30.5175, 33.1600, 37.5930



31.2610, 33.1600, 39.3597



32.5393, 33.1600, 34.6580



31.7755, 33.1600, 33.0360

Sweetspot

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



30.5185, 33.1614, 37.5937



57.7993, 61.3403, 67.5370



29.7608, 33.1317, 32.7610



13.0467, 13.8389, 15.2272



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.5185, 33.1614, 37.5937



53.7693, 58.8343, 67.2657



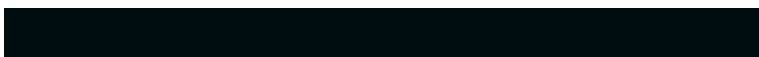
29.5519, 31.2282, 37.2715



6.7747, 7.4151, 8.4809



13.0497, 18.1910, 28.7307



0.2458, 0.3502, 0.5179

Inverse Universe

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



30.9041, 30.7076, 36.6478



54.6014, 53.5582, 65.2206



31.0877, 32.5233, 32.2434



6.8804, 6.7451, 8.2211



15.3851, 7.4586, 22.0767



0.2814, 0.1359, 0.4279

Previews

White Background



This preview shows how the XYZ color 30.5175, 33.1600, 37.5930 looks on a white background.

Color Contrast Check

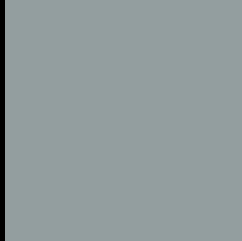
Large Text (above 18pt) WCAG AA × Fail

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 30.5175, 33.1600, 37.5930 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

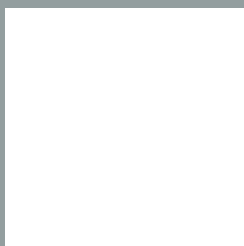
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5175, 33.1600, 37.5930

Background



This preview shows how black text looks on a background with the XYZ color 30.5175, 33.1600, 37.5930.



This preview shows how white text looks on a background with the XYZ color 30.5175, 33.1600,

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

30.5175, 33.1600, 37.5930

Protanopia

31.9077, 33.1461, 36.6144

Deuteranopia

33.7740, 33.1063, 37.8678



Tritanopia

31.4443, 33.0311, 42.2545

Trichromacy



Original Color

30.5175, 33.1600, 37.5930

Protanomaly

31.3864, 33.1156, 37.0855

Deuteranomaly

32.5987, 33.2263, 37.9529

Tritanomaly

31.0612, 33.1265, 40.3543

Monochromacy



Original Color

30.5175, 33.1600, 37.5930

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8381, 32.8526, 36.1683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5175, 33.1600, 37.5930 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(147, 158, 159) looks like.

```
.text, #text, p{  
    color:rgb(147, 158, 159)  
}
```

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(147, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 158, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.5175, 33.1600, 37.5930 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(147, 158, 159) }
```


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

```
.border{ border-color:rgb(147, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(147, 158,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5175, 33.1600, 37.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 158, 159) }
```

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

```
.background{ background-color: rgb(147,  
158, 159) }
```

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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