

Converting Colors

XYZ(30.1354, 31.4132, 35.9696)

Have a look what the booklet for
XYZ(30.1354, 31.4132, 35.9696)
contains.

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Color

**XYZ(30.1779, 31.5322,
35.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	98989C
RGB	152, 152, 156
RGB Percent	60%, 60%, 61%
CMY	0.4039, 0.4039, 0.3882
CMYK	0.03, 0.03, 0.00, 0.39
HSL	240°, 2%, 60%
HSV	240°, 3%, 61%
XYZ	30.1779, 31.5322, 35.9483
YIQ	152.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

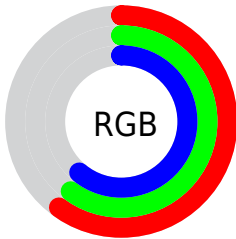
Format	Color
RYB	152, 152, 156
Decimal	10000540
CIELab	62.95, 0.78, -2.10
CIELCh	63, 2.243, 290.444
Yxy	31.5322, 0.3090, 0.3229
Android (android.graphics.Color)	4288190620 (0xFF98989C)
YUV	152.4560, 1.7472, -0.3999
Hunter-Lab	56.1535, -2.3397, 1.3513

Details

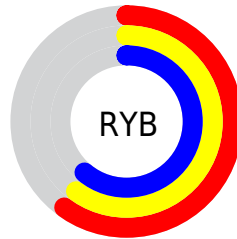
The XYZ color **30.1779, 31.5322, 35.9483** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2663, 33.1115, 34.4495**, and the grayscale version is **30.0360, 31.6002, 34.4126**.

A 20% lighter version of the original color is **59.1578, 61.9176, 69.8061**, and **12.5703, 13.0940, 15.2295** is the 20% darker color. If you saturate the color by 10%, you get **25.0820, 25.3934, 35.0324**, and if you desaturate by 10%, it is **35.9922, 38.5369, 36.9944**.

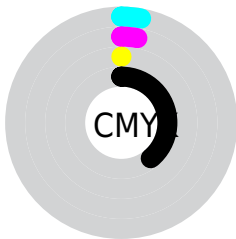
Distribution



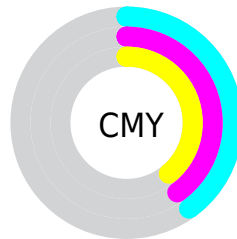
- Red (60%)
- Green (60%)
- Blue (61%)



- Red (60%)
- Yellow (60%)
- Blue (61%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1779, 31.5322, 35.9483 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 30.1779, 31.5322, 35.9483 by changing the saturation by 10% instead.

■ 30.1779, 31.5322,
35.9483

■ 30.1779, 31.5322,
35.9483

294.6278,
308.9827, 343.7651

■ 20.1224, 21.0044,
24.1049

■ 59.3281, 62.0770,
70.1204

■ 12.5928, 13.1272,
15.1985

■ 79.1535, 82.8628,
93.2862

■ 7.2238, 7.5162,
8.8107

102.9663,
107.8368, 121.0632

■ 3.6500, 3.7870,
4.5228

131.1317,
137.3833, 153.8699

■ 1.5061, 1.5551,
1.9163

164.0153,
171.8868, 192.1249

■ 0.3300, 0.3271,
0.5031

201.9822,

■ 0.0000, 0.0000,

211.7316, 236.2468

0.0000

245.3979,
257.3021, 286.6540

■ 30.1779, 31.5322,
35.9483

■ 30.1779, 31.5322,
35.9483

■ 25.0820, 25.3934,
35.0324

■ 35.9922, 38.5369,
36.9944

■ 20.6742, 20.0830,
34.2398

■ 42.5485, 46.4350,
38.1733

■ 16.9257, 15.5668,
33.5656

■ 49.8726, 55.2578,
39.4903

■ 13.8048, 11.8066,
33.0043

■ 57.9883, 65.0340,
40.9495

■ 11.2774, 8.7611,
32.5497

■ 66.9181, 75.7908,
42.5551

■ 9.3058, 6.3852,
32.1950

■ 76.6841, 87.5547,
44.3111

■ 7.8481, 4.6283,
31.9327

■ 83.0008, 95.1803,
45.4500

■ 6.8567, 3.4331,
31.7543

■ 6.2748, 2.7313,
31.6495

Harmonies

Analogous

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



29.8721, 31.5322, 36.0343



30.1779, 31.5322, 35.9483



30.4297, 31.5322, 35.4255

Triad

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



30.1779, 31.5322, 35.9483



30.3494, 31.5322, 33.0411



29.3898, 31.5322, 34.0522

Complementary

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



30.1779, 31.5322, 35.9483



31.2663, 33.1115, 34.4495

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.



29.5158, 31.5322, 33.2636



30.1779, 31.5322, 35.9483



30.0689, 31.5322, 32.6865

Square

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



30.1779, 31.5322, 35.9483



30.5292, 31.5322, 33.7437



29.7639, 31.5322, 32.7672



29.4185, 31.5322, 34.9295

Rectangle

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



30.1779, 31.5322, 35.9483



30.5324, 31.5322, 34.9045



29.7639, 31.5322, 32.7672



29.4154, 31.5322, 33.7682

Sweetspot

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



30.1788, 31.5335, 35.9490



56.3568, 59.1335, 65.5703



30.8330, 32.8509, 36.1392



12.4147, 13.0285, 14.4308



74.8435, 78.7412, 85.7492



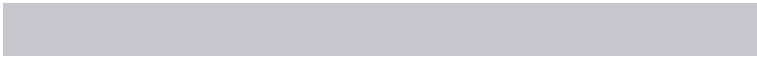
12.6291, 13.2868, 14.4694

Same Dimension

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



30.1788, 31.5335, 35.9490



54.3238, 56.6843, 65.2047



30.5432, 31.7208, 35.9659



6.9616, 7.2509, 8.4393



4.9438, 1.9792, 26.0287



0.0885, 0.0356, 0.4654

Inverse Universe

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



30.6067, 31.7920, 34.2307



55.2482, 57.2426, 61.4930



30.8956, 32.9210, 34.4323



7.1060, 7.3381, 7.8593



11.2936, 5.8220, 0.5312



0.2020, 0.1041, 0.0097

Previews

White Background



This preview shows how the XYZ color 30.1779, 31.5322, 35.9483 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 30.1779, 31.5322, 35.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

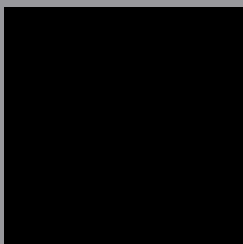
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

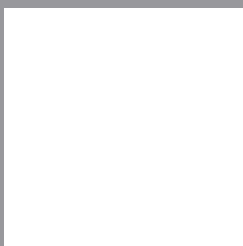
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1779, 31.5322, 35.9483

Background



This preview shows how black text looks on a background with the XYZ color 30.1779, 31.5322, 35.9483.



This preview shows how white text looks on a background with the XYZ color 30.1779, 31.5322,

35.9483.

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

30.1779, 31.5322, 35.9483

Protanopia

30.3938, 31.4035, 35.9121

Deuteranopia

32.1928, 31.6135, 36.3036



Tritanopia

30.8143, 31.5499, 39.1160

Trichromacy



Original Color

30.1779, 31.5322, 35.9483

Protanomaly

30.2042, 31.3058, 35.9032

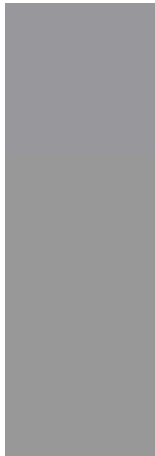
Deuteranomaly

31.3305, 31.4028, 36.3083

Tritanomaly

30.5486, 31.4436, 37.7168

Monochromacy



Original Color

30.1779, 31.5322, 35.9483

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9269, 31.4318, 34.6266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1779, 31.5322, 35.9483 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, 152, 156) looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 152, 156) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 30.1779, 31.5322, 35.9483 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, 152, 156) }
```


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

```
.border{ border-color:rgb(152, 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(152, 152, 156)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 30.1779, 31.5322, 35.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(152,  
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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