

Converting Colors

XYZ(30.7199, 32.8490, 33.5755)

Have a look what the booklet for
XYZ(30.7199, 32.8490, 33.5755)
contains.

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Color

**XYZ(30.7199, 32.8490,
33.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9C96
RGB	154, 156, 150
RGB Percent	60%, 61%, 59%
CMY	0.3961, 0.3882, 0.4118
CMYK	0.01, 0.00, 0.04, 0.39
HSL	80°, 3%, 60%
HSV	80°, 4%, 61%
XYZ	30.7199, 32.8490, 33.5755
YIQ	154.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

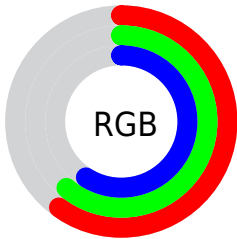
Format	Color
RYB	150, 156, 152
Decimal	10132630
CIELab	64.04, -1.86, 2.88
CIELCh	64, 3.426, 122.864
Yxy	32.8490, 0.3162, 0.3381
Android (android.graphics.Color)	4288322710 (0xFF9A9C96)
YUV	154.7180, -2.3260, -0.6297
Hunter-Lab	57.3140, -4.6249, 5.3868

Details

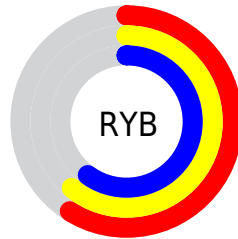
The XYZ color **30.7199, 32.8490, 33.5755** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8573, 30.8893, 35.8428**, and the grayscale version is **31.0416, 32.6582, 35.5648**.

A 20% lighter version of the original color is **59.9581, 63.8627, 66.2933**, and **12.8972, 13.8876, 13.8052** is the 20% darker color. If you saturate the color by 10%, you get **28.5772, 31.8810, 27.3485**, and if you desaturate by 10%, it is **33.0747, 33.9089, 40.6869**.

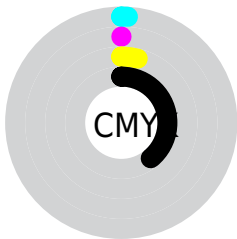
Distribution



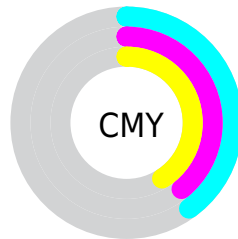
- Red (60%)
- Green (61%)
- Blue (59%)



- Red (59%)
- Yellow (61%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7199, 32.8490, 33.5755 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 30.7199, 32.8490, 33.5755 by changing the saturation by 10% instead.

■ 30.7199, 32.8490,
33.5755

■ 30.7199, 32.8490,
33.5755

297.0958,
314.9688, 332.9462

■ 20.5364, 22.0108,
22.2930

■ 60.1777, 64.1397,
66.3993

■ 12.8961, 13.8648,
13.8720

■ 80.1827, 85.3610,
88.7777

■ 7.4335, 8.0267,
7.8939

104.1922,
110.8121, 115.6917

■ 3.7834, 4.1120,
3.9403

132.5717,
140.8774, 147.5600

■ 1.5803, 1.7364,
1.5927

165.6864,
175.9414, 184.8011

■ 0.3795, 0.4471,
0.2856

203.9018,

■ 0.0000, 0.0000,

216.3883, 227.8334

0.0000

247.5831,
262.6026, 277.0756

■ 30.7199, 32.8490,
33.5755

■ 30.7199, 32.8490,
33.5755

■ 28.5772, 31.8810,
27.3485

■ 33.0747, 33.9089,
40.6869

■ 26.6368, 30.9977,
21.9692

■ 35.6455, 35.0593,
48.7131

■ 24.8921, 30.1976,
17.4014

■ 38.4398, 36.3040,
57.6860

■ 23.3349, 29.4772,
13.6056

■ 41.4635, 37.6458,
67.6350

■ 21.9565, 28.8331,
10.5388

■ 44.7226, 39.0868,
78.5884

■ 20.7476, 28.2614,
8.1542

■ 48.2228, 40.6296,
90.5733

■ 19.6973, 27.7577,
6.3990

■ 51.2850, 42.0025,
100.0120

■ 18.7939, 27.3173,
5.2132

■ 52.6127, 42.6869,
100.0742

■ 18.0228, 26.9342,
4.5245

■ 53.9874, 43.3956,
100.1385

Harmonies

Analogous

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



31.1755, 32.8490, 33.1715



30.7199, 32.8490, 33.5755



30.4014, 32.8490, 34.5655

Triad

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



30.7199, 32.8490, 33.5755



30.7996, 32.8490, 38.1907



32.1603, 32.8490, 35.6340

Complementary

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



30.7199, 32.8490, 33.5755



29.8573, 30.8893, 35.8428

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.



32.0572, 32.8490, 36.9959



30.7199, 32.8490, 33.5755



31.2685, 32.8490, 38.4944

Square

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



30.7199, 32.8490, 33.5755



30.4471, 32.8490, 37.2323



31.7295, 32.8490, 38.0518



32.0099, 32.8490, 34.3406

Rectangle

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



30.7199, 32.8490, 33.5755



30.3080, 32.8490, 35.4370



31.7295, 32.8490, 38.0518



32.1542, 32.8490, 36.0990

Sweetspot

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



30.7208, 32.8504, 33.5762



56.9644, 60.1895, 64.4677



30.4447, 31.7275, 33.3740



12.5403, 13.2469, 14.2027



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.



30.7208, 32.8504, 33.5762



55.2870, 59.4334, 59.4791



30.1570, 32.5598, 33.5498



7.1444, 7.6950, 7.6417



14.5270, 22.0257, 3.4857



0.3027, 0.4160, 0.0643

Inverse Universe

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



29.8573, 30.8893, 35.8428



53.2257, 54.7521, 64.8897



30.4258, 31.1824, 35.8694



6.8542, 7.0359, 8.4035



6.1454, 2.5971, 26.0846



0.1523, 0.0683, 0.4684

Previews

White Background



This preview shows how the XYZ color 30.7199, 32.8490, 33.5755 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 30.7199, 32.8490, 33.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

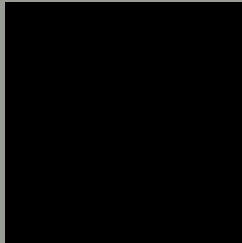
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7199, 32.8490, 33.5755

Background



This preview shows how black text looks on a background with the XYZ color 30.7199, 32.8490, 33.5755.



This preview shows how white text looks on a background with the XYZ color 30.7199, 32.8490,

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

30.7199, 32.8490, 33.5755

Protanopia

31.2785, 32.6521, 33.0877

Deuteranopia

33.2868, 32.7050, 33.8364



Tritanopia

32.1488, 32.9323, 40.7385

Trichromacy



Original Color

30.7199, 32.8490, 33.5755

Protanomaly

31.0508, 32.7807, 33.1245

Deuteranomaly

32.3312, 32.6902, 33.8840

Tritanomaly

31.5841, 32.9493, 37.9529

Monochromacy



Original Color

30.7199, 32.8490, 33.5755

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9887, 32.7112, 34.8176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7199, 32.8490, 33.5755 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(154, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(154, 156, 150)  
}
```

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(154, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 156, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.7199, 32.8490, 33.5755 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(154, 156, 150) }
```


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

```
.border{ border-color:rgb(154, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(154, 156,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7199, 32.8490, 33.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 156, 150) }
```

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

```
.background{ background-color: rgb(154,  
156, 150) }
```

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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