

Converting Colors

XYZ(30.6744, 31.5475, 39.4424)

Have a look what the booklet for
XYZ(30.6744, 31.5475, 39.4424)
contains.

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Color

**XYZ(30.7163, 31.4890,
39.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	9897A4
RGB	152, 151, 164
RGB Percent	60%, 59%, 64%
CMY	0.4039, 0.4078, 0.3569
CMYK	0.07, 0.08, 0.00, 0.36
HSL	245°, 7%, 62%
HSV	245°, 8%, 64%
XYZ	30.7163, 31.4890, 39.5810
YIQ	152.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

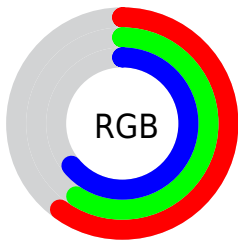
Format	Color
RYB	152, 151, 164
Decimal	10000292
CIELab	62.92, 2.96, -6.67
CIELCh	63, 7.297, 293.894
Yxy	31.4890, 0.3018, 0.3094
Android (android.graphics.Color)	4288190372 (0xFF9897A4)
YUV	152.7810, 5.5310, -0.6849
Hunter-Lab	56.1151, -0.4939, -2.5399

Details

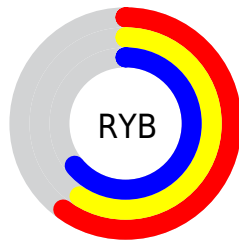
The XYZ color **30.7163, 31.4890, 39.5810** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9669, 36.5727, 34.5488**, and the grayscale version is **30.1617, 31.7325, 34.5566**.

A 20% lighter version of the original color is **60.0711, 61.8989, 75.7994**, and **12.8486, 13.0509, 17.1711** is the 20% darker color. If you saturate the color by 10%, you get **25.6031, 25.2044, 38.6379**, and if you desaturate by 10%, it is **36.5604, 38.6971, 40.6648**.

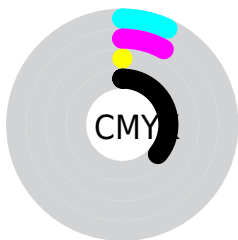
Distribution



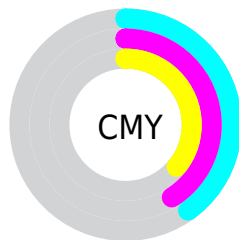
- Red (60%)
- Green (59%)
- Blue (64%)



- Red (60%)
- Yellow (59%)
- Blue (64%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7163, 31.4890, 39.5810 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 30.7163, 31.4890, 39.5810 by changing the saturation by 10% instead.

■ 30.7163, 31.4890,
39.5810

■ 30.7163, 31.4890,
39.5810

297.0795,
308.7849, 359.8538

■ 20.5337, 20.9715,
26.9007

■ 60.1720, 62.0091,
75.7551

■ 12.8941, 13.1032,
17.2669

■ 80.1758, 82.7806,
100.0861

■ 7.4321, 7.4996,
10.2610

104.1841,
107.7387, 129.1376

■ 3.7825, 3.7765,
5.4645

132.5621,
137.2681, 163.3284

■ 1.5798, 1.5493,
2.4588

165.6754,
171.7530, 203.0768

■ 0.3792, 0.3231,
0.8182

203.8891,

■ 0.0000, 0.0000,

211.5778, 248.8015

0.0000

247.5687,
257.1270, 300.9210

■ 30.7163, 31.4890,
39.5810

■ 30.7163, 31.4890,
39.5810

■ 25.6031, 25.2044,
38.6379

■ 36.5604, 38.6971,
40.6648

■ 21.1894, 19.8022,
37.8278

■ 43.1596, 46.8599,
41.8925

■ 17.4454, 15.2440,
37.1453

■ 50.5405, 56.0117,
43.2700

■ 14.3384, 11.4873,
36.5840

■ 58.7277, 66.1841,
44.8020

■ 11.8329, 8.4855,
36.1366

■ 67.7445, 77.4075,
46.4931

■ 9.8896, 6.1874,
35.7955

■ 77.6134, 89.7107,
48.3477

■ 8.4650, 4.5354,
35.5517

■ 83.7009, 95.4604,
49.1366

■ 7.5086, 3.4630,
35.3951

■ 6.9468, 2.8620,
35.3087

Harmonies

Analogous

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



29.7249, 31.4890, 40.0688



30.7163, 31.4890, 39.5810



31.5126, 31.4890, 37.6406

Triad

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



30.7163, 31.4890, 39.5810



31.0788, 31.4890, 30.0198



28.0547, 31.4890, 33.7027

Complementary

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



30.7163, 31.4890, 39.5810



33.9669, 36.5727, 34.5488

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.



28.4000, 31.4890, 31.1372



30.7163, 31.4890, 39.5810



30.1347, 31.4890, 29.0885

Square

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



30.7163, 31.4890, 39.5810



31.7252, 31.4890, 32.1001



29.1560, 31.4890, 29.4859



28.2026, 31.4890, 36.5693

Rectangle

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



30.7163, 31.4890, 39.5810



31.8183, 31.4890, 35.8394



29.1560, 31.4890, 29.4859



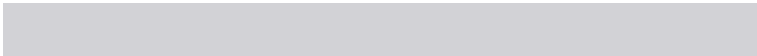
28.1167, 31.4890, 32.7785

Sweetspot

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



30.7172, 31.4903, 39.5817



61.8371, 64.6546, 72.9727



32.5852, 35.5022, 40.2576



13.5465, 14.1689, 15.9584



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.7172, 31.4903, 39.5817



53.5414, 54.4334, 71.4371



31.9414, 32.1214, 39.6390



6.7485, 6.8847, 8.8763



5.2779, 2.1273, 27.0622



0.1251, 0.0520, 0.5693

Inverse Universe

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



32.9885, 32.6716, 39.2198



58.7654, 57.1506, 70.5903



32.6956, 35.9173, 34.4893



7.3408, 7.1928, 8.7809



16.0559, 7.7784, 23.2829



0.3438, 0.1660, 0.5232

Previews

White Background



This preview shows how the XYZ color 30.7163, 31.4890, 39.5810 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 30.7163, 31.4890, 39.5810 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 30.7163, 31.4890, 39.5810

Background



This preview shows how black text looks on a background with the XYZ color 30.7163, 31.4890, 39.5810.

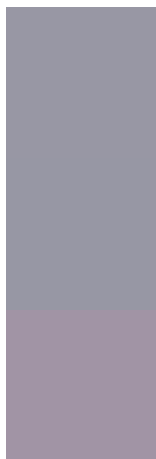


This preview shows how white text looks on a background with the XYZ color 30.7163, 31.4890,

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

30.7163, 31.4890, 39.5810

Protanopia

30.5299, 31.3929, 39.5723

Deuteranopia

32.0794, 31.4735, 39.9815



Tritanopia

30.6264, 31.4530, 39.1072

Trichromacy



Original Color

30.7163, 31.4890, 39.5810

Protanomaly

30.5299, 31.3929, 39.5723

Deuteranomaly

31.6395, 31.4806, 40.0061

Tritanomaly

30.6264, 31.4530, 39.1072

Monochromacy



Original Color

30.7163, 31.4890, 39.5810

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4509, 31.6631, 36.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7163, 31.4890, 39.5810 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, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 164)  
}
```

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, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.7163, 31.4890, 39.5810 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, 151, 164) }
```


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

```
.border{ border-color:rgb(152, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7163, 31.4890, 39.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 164) }
```

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

```
.background{ background-color: rgb(152,  
151, 164) }
```

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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