

Converting Colors

XYZ(30.7954, 30.3597, 29.0479)

Have a look what the booklet for
XYZ(30.7954, 30.3597, 29.0479)
contains.

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Color

**XYZ(30.7954, 30.3597,
29.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	A7918C
RGB	167, 145, 140
RGB Percent	65%, 57%, 55%
CMY	0.3451, 0.4314, 0.4510
CMYK	0.00, 0.13, 0.16, 0.35
HSL	11°, 13%, 60%
HSV	11°, 16%, 65%
XYZ	30.7954, 30.3597, 29.0479
YIQ	151.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

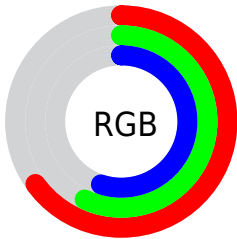
Format	Color
RYB	167, 146, 140
Decimal	10981772
CIELab	61.96, 7.37, 5.67
CIELCh	62, 9.295, 37.584
Yxy	30.3597, 0.3414, 0.3366
Android (android.graphics.Color)	4289171852 (0xFFA7918C)
YUV	151.0080, -5.4269, 14.0250
Hunter-Lab	55.0996, 3.3400, 7.3127

Details

The XYZ color **30.7954, 30.3597, 29.0479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7105, 34.2056, 41.5433**, and the grayscale version is **29.4376, 30.9706, 33.7270**.

A 20% lighter version of the original color is **60.2852, 60.2715, 59.4951**, and **13.0079, 12.5674, 11.4130** is the 20% darker color. If you saturate the color by 10%, you get **27.7004, 25.9930, 22.3950**, and if you desaturate by 10%, it is **34.3280, 35.3019, 36.7694**.

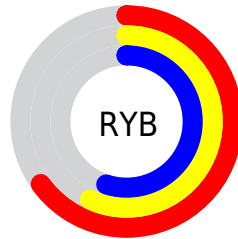
Distribution



Red (65%)

Green (57%)

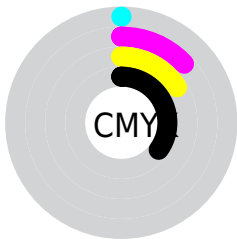
Blue (55%)



Red (65%)

Yellow (57%)

Blue (55%)

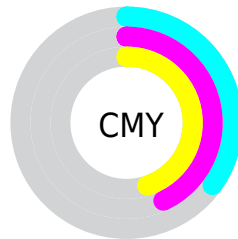


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7954, 30.3597, 29.0479 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 30.7954, 30.3597, 29.0479 by changing the saturation by 10% instead.

■ 30.7954, 30.3597,
29.0479

■ 30.7954, 30.3597,
29.0479

297.4384,
303.5775, 311.5089

■ 20.5942, 20.1118,
18.8712

■ 60.2958, 60.2306,
59.1963

■ 12.9384, 12.4763,
11.4014

■ 80.3258, 80.6223,
80.0050

■ 7.4629, 7.0689,
6.2199

■ 104.3626,
105.1641, 105.1948

■ 3.8021, 3.5053,
2.9083

132.7718,
134.2403, 135.1842

■ 1.5908, 1.4009,
1.0480

165.9185,
168.2353, 170.3918

■ 0.3864, 0.2174,
0.0000

204.1683,

■ 0.0000, 0.0000,

207.5336, 211.2361

0.0000

247.8865,
252.5196, 258.1356

■ 30.7954, 30.3597,
29.0479

■ 30.7954, 30.3597,
29.0479

■ 27.7004, 25.9930,
22.3950

■ 34.3280, 35.3019,
36.7694

■ 25.0234, 22.1768,
16.7618

■ 38.3118, 40.8354,
45.6019

■ 22.7469, 18.8903,
12.0981

■ 42.7631, 46.9802,
55.5876

■ 20.8512, 16.1100,
8.3489

■ 47.6965, 53.7544,
66.7661

■ 19.3148, 13.8103,
5.4536

■ 53.1260, 61.1753,
79.1751

■ 18.1142, 11.9635,
3.3442

■ 59.0650, 69.2594,
92.8506

■ 17.2227, 10.5389,
1.9424

■ 65.2185, 77.8996,
106.2065

■ 16.6073, 9.5009,
1.1424

■ 69.3807, 86.2240,
107.5939

■ 16.4250, 9.1926,
0.9087

■ 69.7465, 86.9556,
107.7158

Harmonies

Analogous

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



31.2952, 30.3597, 32.1597



30.7954, 30.3597, 29.0479



29.7787, 30.3597, 27.1138

Triad

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



30.7954, 30.3597, 29.0479



26.6986, 30.3597, 30.5099



29.1732, 30.3597, 40.3307

Complementary

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



30.7954, 30.3597, 29.0479



30.7105, 34.2056, 41.5433

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.



27.9525, 30.3597, 39.8098



30.7954, 30.3597, 29.0479



26.5469, 30.3597, 33.9699

Square

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



30.7954, 30.3597, 29.0479



27.4200, 30.3597, 27.9146



26.9998, 30.3597, 37.4180



30.3412, 30.3597, 38.7941

Rectangle

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



30.7954, 30.3597, 29.0479



28.9570, 30.3597, 26.6675



26.9998, 30.3597, 37.4180



28.7552, 30.3597, 40.3923

Sweetspot

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



30.7962, 30.3611, 29.0485



62.2075, 64.2384, 67.4574



31.8409, 29.5825, 38.2379



13.8182, 14.2324, 14.8695



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.7962, 30.3611, 29.0485



53.3091, 51.7797, 48.0351



32.9742, 34.7169, 29.7745



7.6394, 7.7589, 7.8842



12.5959, 7.0891, 0.7045



0.3377, 0.2350, 0.0276

Inverse Universe

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



30.7105, 34.2056, 41.5433



53.1285, 59.8360, 74.2246



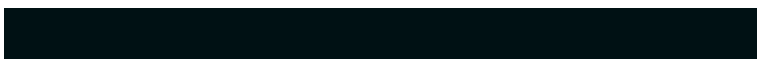
28.4671, 29.7187, 40.7955



7.6276, 8.2922, 9.6169



12.1136, 15.6875, 30.3650



0.3245, 0.4412, 0.7487

Previews

White Background



This preview shows how the XYZ color 30.7954, 30.3597, 29.0479 looks on a white background.

Color Contrast Check

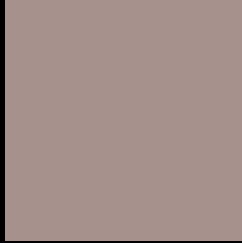
Large Text (above 18pt) WCAG AA × Fail

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 30.7954, 30.3597, 29.0479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

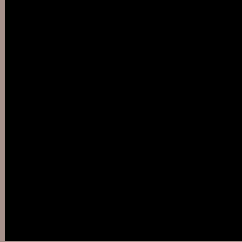
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7954, 30.3597, 29.0479

Background



This preview shows how black text looks on a background with the XYZ color 30.7954, 30.3597, 29.0479.



This preview shows how white text looks on a background with the XYZ color 30.7954, 30.3597,

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

30.7954, 30.3597, 29.0479

Protanopia

28.9564, 30.3179, 29.9170

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

32.0174, 30.4130, 34.7547

Trichromacy



Original Color

30.7954, 30.3597, 29.0479

Protanomaly

29.6957, 30.4738, 29.5162

Deuteranomaly

31.0075, 30.4691, 29.0578

Tritanomaly

31.5465, 30.4413, 32.6468

Monochromacy



Original Color

30.7954, 30.3597, 29.0479

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9185, 30.7696, 31.9660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7954, 30.3597, 29.0479 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(167, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 140)  
}
```

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(167, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.7954, 30.3597, 29.0479 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(167, 145, 140) }
```


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

```
.border{ border-color:rgb(167, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 145,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7954, 30.3597, 29.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 140) }
```

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

```
.background{ background-color: rgb(167,  
145, 140) }
```

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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