

Converting Colors

XYZ(30.2079, 30.8262, 32.1134)

Have a look what the booklet for
XYZ(30.2079, 30.8262, 32.1134)
contains.

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Color

**XYZ(30.3120, 30.9724,
31.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9593
RGB	159, 149, 147
RGB Percent	62%, 58%, 58%
CMY	0.3765, 0.4157, 0.4235
CMYK	0.00, 0.06, 0.08, 0.38
HSL	10°, 6%, 60%
HSV	10°, 8%, 62%
XYZ	30.3120, 30.9724, 31.9844
YIQ	151.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

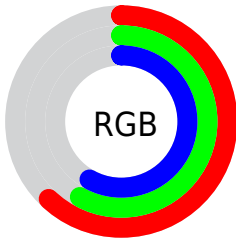
Format	Color
R _Y B	159, 149, 147
Decimal	10458515
CIE Lab	62.48, 3.31, 2.37
CIE LCh	62, 4.073, 35.541
Yxy	30.9724, 0.3250, 0.3321
Android (android.graphics.Color)	4288648595 (0xFF9F9593)
YUV	151.7620, -2.3477, 6.3477
Hunter-Lab	55.6529, -0.1703, 4.8823

Details

The XYZ color **30.3120, 30.9724, 31.9844** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3476, 32.8197, 37.5367**, and the grayscale version is **29.7510, 31.3003, 34.0861**.

A 20% lighter version of the original color is **59.6301, 61.2251, 63.9331**, and **12.7097, 12.7866, 13.1074** is the 20% darker color. If you saturate the color by 10%, you get **27.1719, 26.5525, 25.2017**, and if you desaturate by 10%, it is **33.8647, 35.9407, 39.7563**.

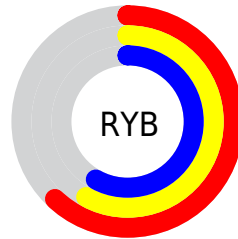
Distribution



Red (62%)

Green (58%)

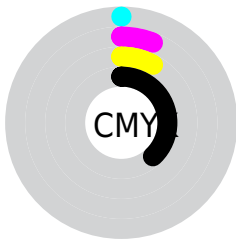
Blue (58%)



Red (62%)

Yellow (58%)

Blue (58%)

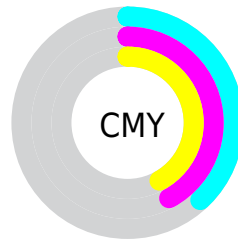


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3120, 30.9724, 31.9844 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 30.3120, 30.9724, 31.9844 by changing the saturation by 10% instead.

■ 30.3120, 30.9724,
31.9844

■ 30.3120, 30.9724,
31.9844

295.2399,
306.4111, 325.5387

■ 20.2248, 20.5778,
21.0849

■ 59.5385, 61.1966,
63.8843

■ 12.6678, 12.8158,
12.9942

■ 79.4085, 81.7951,
85.7217

■ 7.2756, 7.3018,
7.2939

103.2701,
106.5636, 112.0421

■ 3.6829, 3.6516,
3.5653

131.4886,
135.8866, 143.2641

■ 1.5243, 1.4806,
1.3901

164.4295,
170.1484, 179.8062

■ 0.3423, 0.2750,
0.1339

202.4581,

■ 0.0000, 0.0000,

209.7335, 222.0870

0.0000

245.9398,
255.0263, 270.5250

■ 30.3120, 30.9724,
31.9844

■ 30.3120, 30.9724,
31.9844

■ 27.1719, 26.5525,
25.2017

■ 33.8647, 35.9407,
39.7563

■ 24.4268, 22.6584,
19.3664

■ 37.8417, 41.4713,
48.5528

■ 22.0617, 19.2715,
14.4369

■ 42.2572, 47.5823,
58.4100

■ 20.0597, 16.3709,
10.3676

■ 47.1242, 54.2902,
69.3617

■ 18.4023, 13.9340,
7.1089

■ 52.4551, 61.6105,
81.4402

■ 17.0697, 11.9366,
4.6061

■ 58.2619, 69.5583,
94.6764

■ 16.0399, 10.3521,
2.7979

■ 64.0196, 77.9337,
106.2763

■ 15.2878, 9.1510,
1.6131

■ 68.1002, 86.0948,
107.6364

■ 14.7785, 8.2974,
0.9346

■ 68.1083, 86.1110,
107.6391

Harmonies

Analogous

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



30.5093, 30.9724, 33.4305



30.3120, 30.9724, 31.9844



29.8808, 30.9724, 31.0271

Triad

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



30.3120, 30.9724, 31.9844



28.4811, 30.9724, 32.4786



29.5411, 30.9724, 36.8462

Complementary

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



30.3120, 30.9724, 31.9844



30.3476, 32.8197, 37.5367

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.



29.0003, 30.9724, 36.5721



30.3120, 30.9724, 31.9844



28.3927, 30.9724, 34.0186

Square

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



30.3120, 30.9724, 31.9844



28.8246, 30.9724, 31.3061



28.5816, 30.9724, 35.5249



30.0607, 30.9724, 36.2626

Rectangle

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



30.3120, 30.9724, 31.9844



29.5211, 30.9724, 30.7780



28.5816, 30.9724, 35.5249



29.3558, 30.9724, 36.8515

Sweetspot

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



30.3129, 30.9738, 31.9851



57.6985, 60.2479, 64.7256



30.8180, 30.6731, 36.1950



13.0253, 13.6069, 14.6299



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.



30.3129, 30.9738, 31.9851



53.3240, 54.1189, 55.1902



31.2863, 32.9207, 32.3096



6.7181, 6.8162, 6.9472



11.6163, 6.4682, 0.6362



0.2296, 0.1595, 0.0187

Inverse Universe

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



30.3476, 32.8197, 37.5367



53.3986, 58.0929, 67.1421



29.3577, 30.8399, 37.2067



6.7276, 7.3209, 8.4652



11.5356, 15.1628, 28.2260



0.2291, 0.3168, 0.5123

Previews

White Background



This preview shows how the XYZ color 30.3120, 30.9724, 31.9844 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 30.3120, 30.9724, 31.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

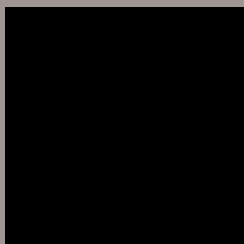
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

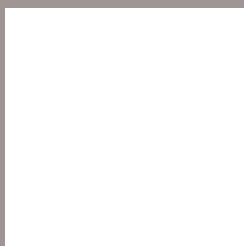
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3120, 30.9724, 31.9844

Background



This preview shows how black text looks on a background with the XYZ color 30.3120, 30.9724, 31.9844.



This preview shows how white text looks on a background with the XYZ color 30.3120, 30.9724,

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

30.3120, 30.9724, 31.9844

Protanopia

29.7692, 30.9194, 32.4160

Deuteranopia

31.5605, 30.9114, 32.3200



Tritanopia

31.3897, 30.9477, 37.1200

Trichromacy



Original Color

30.3120, 30.9724, 31.9844

Protanomaly

29.9619, 31.0187, 32.4250

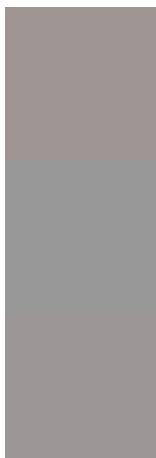
Deuteranomaly

31.0889, 30.8981, 32.3423

Tritanomaly

31.0035, 31.0200, 35.3637

Monochromacy



Original Color

30.3120, 30.9724, 31.9844

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0892, 31.3038, 33.3105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3120, 30.9724, 31.9844 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(159, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 149, 147)  
}
```

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(159, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.3120, 30.9724, 31.9844 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(159, 149, 147) }
```


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

```
.border{ border-color:rgb(159, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 149, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 149, 147); box-shadow:4px 4px 4px 4px rgb(159, 149, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3120, 30.9724, 31.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 149, 147) }
```

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

```
.background{ background-color: rgb(159,  
149, 147) }
```

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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