

Converting Colors

XYZ(30.0073, 29.7314, 37.6019)

Have a look what the booklet for
XYZ(30.0073, 29.7314, 37.6019)
contains.

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Color

**XYZ(29.9881, 29.7574,
37.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	9B91A0
RGB	155, 145, 160
RGB Percent	61%, 57%, 63%
CMY	0.3922, 0.4314, 0.3725
CMYK	0.03, 0.09, 0.00, 0.37
HSL	280°, 7%, 60%
HSV	280°, 9%, 63%
XYZ	29.9881, 29.7574, 37.4209
YIQ	149.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

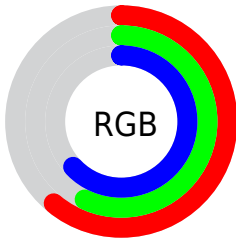
Format	Color
RYB	155, 145, 160
Decimal	10195360
CIELab	61.44, 6.58, -6.57
CIELCh	61, 9.294, 315.035
Yxy	29.7574, 0.3086, 0.3063
Android (android.graphics.Color)	4288385440 (0xFF9B91A0)
YUV	149.7000, 5.0779, 4.6481
Hunter-Lab	54.5503, 2.6642, -2.4870

Details

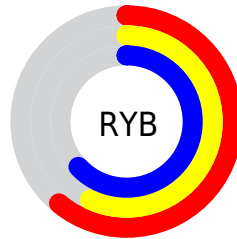
The XYZ color **29.9881, 29.7574, 37.4209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2604, 33.6708, 31.6937**, and the grayscale version is **28.8419, 30.3439, 33.0445**.

A 20% lighter version of the original color is **58.9837, 59.3085, 72.6289**, and **12.5614, 12.2316, 16.1669** is the 20% darker color. If you saturate the color by 10%, you get **26.7124, 24.6920, 36.6163**, and if you desaturate by 10%, it is **33.6551, 35.5373, 38.3437**.

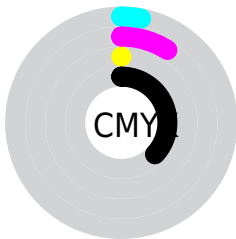
Distribution



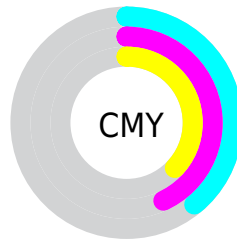
- Red (61%)
- Green (57%)
- Blue (63%)



- Red (61%)
- Yellow (57%)
- Blue (63%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9881, 29.7574, 37.4209 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 29.9881, 29.7574, 37.4209 by changing the saturation by 10% instead.

■ 29.9881, 29.7574,
37.4209

■ 29.9881, 29.7574,
37.4209

293.7598,
300.7720, 350.3526

■ 19.9776, 19.6545,
25.2352

■ 59.0301, 59.2783,
72.4132

■ 12.4869, 12.1442,
16.0318

■ 78.7923, 79.4651,
96.0569

■ 7.1508, 6.8419,
9.3920

102.5358,
103.7820, 124.3570

■ 3.6037, 3.3634,
4.8975

130.6259,
132.6135, 157.7321

■ 1.4805, 1.3243,
2.1295

163.4280,
166.3438, 196.6006

■ 0.3125, 0.1599,
0.6333

201.3075,

■ 0.0000, 0.0000,

205.3574, 241.3812

0.0000

244.6296,
250.0386, 292.4923

■ 29.9881, 29.7574,
37.4209

■ 29.9881, 29.7574,
37.4209

■ 26.7124, 24.6920,
36.6163

■ 33.6551, 35.5373,
38.3437

■ 23.8105, 20.3084,
35.9231

■ 37.7248, 42.0552,
39.3873

■ 21.2675, 16.5769,
35.3369

■ 42.2115, 49.3381,
40.5566

■ 19.0660, 13.4642,
34.8521

■ 47.1277, 57.4105,
41.8556

■ 17.1875, 10.9339,
34.4627

■ 52.4856, 66.2960,
43.2883

■ 15.6115, 8.9456,
34.1620

■ 58.2968, 76.0168,
44.8583

■ 14.3145, 7.4539,
33.9424

■ 63.9298, 85.3091,
46.3550

■ 13.2696, 6.4053,
33.7951

■ 65.3083, 86.0197,
46.4195

■ 12.4187, 5.6852,
33.7010

■ 66.7363, 86.7559,
46.4863

Harmonies

Analogous

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



28.9007, 29.7574, 39.3838



29.9881, 29.7574, 37.4209



30.6277, 29.7574, 34.1795

Triad

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



29.9881, 29.7574, 37.4209



28.8980, 29.7574, 26.2943



26.0628, 29.7574, 34.1876

Complementary

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



29.9881, 29.7574, 37.4209



30.2604, 33.6708, 31.6937

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.



26.0621, 29.7574, 30.6848



29.9881, 29.7574, 37.4209



27.6751, 29.7574, 26.2961

Square

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



29.9881, 29.7574, 37.4209



29.9860, 29.7574, 27.8457



26.6448, 29.7574, 27.8509



26.6467, 29.7574, 37.4272

Rectangle

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



29.9881, 29.7574, 37.4209



30.7026, 29.7574, 31.8106



26.6448, 29.7574, 27.8509



25.9949, 29.7574, 32.9981

Sweetspot

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



29.9890, 29.7587, 37.4215



58.5707, 60.5053, 68.9782



28.9697, 30.4516, 37.6090



12.7307, 13.0886, 15.0990



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.



29.9890, 29.7587, 37.4215



53.3044, 52.2454, 67.6615



30.7735, 30.1857, 36.4401



6.6891, 6.6437, 8.3365



9.6821, 4.4203, 26.2501



0.2160, 0.1012, 0.4714

Inverse Universe

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



30.1287, 29.9277, 33.0443



53.6140, 52.6140, 58.2317



29.5350, 33.2766, 32.5744



6.7197, 6.6808, 7.3752



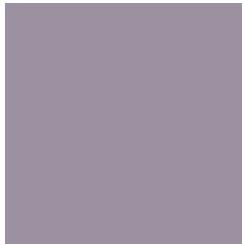
11.8185, 6.0320, 3.2954



0.2299, 0.1153, 0.1566

Previews

White Background



This preview shows how the XYZ color 29.9881, 29.7574, 37.4209 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9881, 29.7574, 37.4209 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 × Fail

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

XYZ 29.9881, 29.7574, 37.4209

Background



This preview shows how black text looks on a background with the XYZ color 29.9881, 29.7574, 37.4209.



This preview shows how white text looks on a background with the XYZ color 29.9881, 29.7574,

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

29.9881, 29.7574, 37.4209

Protanopia

28.8994, 29.6437, 37.9169

Deuteranopia

30.2230, 29.6527, 37.3883



Tritanopia

29.8823, 29.9607, 36.1063

Trichromacy



Original Color

29.9881, 29.7574, 37.4209

Protanomaly

29.2896, 29.6150, 37.8908

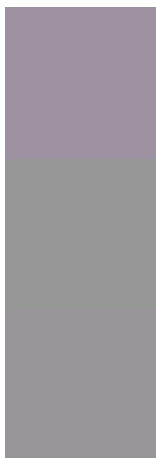
Deuteranomaly

30.0287, 29.5525, 37.3792

Tritanomaly

29.9680, 29.9950, 36.5579

Monochromacy



Original Color

29.9881, 29.7574, 37.4209

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.3715, 30.1883, 34.8507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9881, 29.7574, 37.4209 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(155, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 160)  
}
```

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(155, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.9881, 29.7574, 37.4209 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(155, 145, 160) }
```


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

```
.border{ border-color:rgb(155, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9881, 29.7574, 37.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 160) }
```

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

```
.background{ background-color: rgb(155,  
145, 160) }
```

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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