

Converting Colors

XYZ(29.6736, 31.0121, 32.3108)

Have a look what the booklet for
XYZ(29.6736, 31.0121, 32.3108)
contains.

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Color

**XYZ(29.7383, 31.1414,
32.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9794
RGB	154, 151, 148
RGB Percent	60%, 59%, 58%
CMY	0.3961, 0.4078, 0.4196
CMYK	0.00, 0.02, 0.04, 0.40
HSL	30°, 3%, 59%
HSV	30°, 4%, 60%
XYZ	29.7383, 31.1414, 32.4605
YIQ	151.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

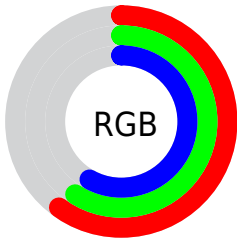
Format	Color
RYB	154, 154, 148
Decimal	10131348
CIELab	62.63, 0.53, 1.96
CIELCh	63, 2.027, 74.818
Yxy	31.1414, 0.3186, 0.3336
Android (android.graphics.Color)	4288321428 (0xFF9A9794)
YUV	151.5550, -1.7526, 2.1443
Hunter-Lab	55.8045, -2.5349, 4.5752

Details

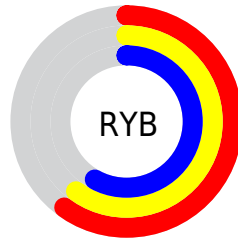
The XYZ color **29.7383, 31.1414, 32.4605** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1120, 30.7616, 34.9753**, and the grayscale version is **29.6606, 31.2053, 33.9825**.

A 20% lighter version of the original color is **58.5044, 61.3368, 64.6328**, and **12.3084, 12.8610, 13.1430** is the 20% darker color. If you saturate the color by 10%, you get **27.4021, 28.2913, 26.0626**, and if you desaturate by 10%, it is **32.3193, 34.2206, 39.7409**.

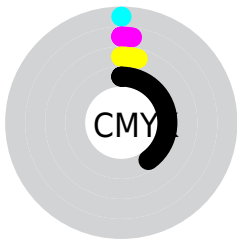
Distribution



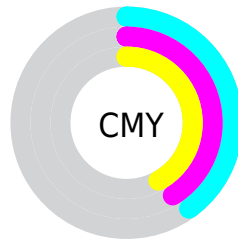
- Red (60%)
- Green (59%)
- Blue (58%)



- Red (60%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7383, 31.1414, 32.4605 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 29.7383, 31.1414, 32.4605 by changing the saturation by 10% instead.

■ 29.7383, 31.1414,
32.4605

■ 29.7383, 31.1414,
32.4605

292.6145,
307.1892, 327.7688

■ 19.7871, 20.7065,
21.4458

■ 58.6375, 61.4626,
64.6386

■ 12.3478, 12.9097,
13.2558

■ 78.3163, 82.1178,
86.6390

■ 7.0549, 7.3664,
7.4721

101.9683,
106.9485, 113.1384

■ 3.5431, 3.6923,
3.6762

129.9589,
136.3392, 144.5553

■ 1.4470, 1.5030,
1.4494

162.6535,
170.6742, 181.3082

■ 0.2894, 0.2908,
0.1798

200.4174,

■ 0.0000, 0.0000,

210.3379, 223.8158

0.0000

243.6159,
255.7148, 272.4965

■ 29.7383, 31.1414,
32.4605

■ 29.7383, 31.1414,
32.4605

■ 27.4021, 28.2913,
26.0626

■ 32.3193, 34.2206,
39.7409

■ 25.3000, 25.6608,
20.5112

■ 35.1499, 37.5303,
47.9340

■ 23.4248, 23.2452,
15.7708

■ 38.2382, 41.0770,
57.0708

■ 21.7674, 21.0384,
11.8026

■ 41.5909, 44.8657,
67.1806

■ 20.3184, 19.0340,
8.5644

■ 45.2147, 48.9011,
78.2910

■ 19.0672, 17.2250,
6.0102

■ 49.1159, 53.1881,
90.4288

■ 18.0026, 15.6039,
4.0884

■ 53.1712, 57.6794,
102.9386

■ 17.1114, 14.1626,
2.7402

■ 55.0549, 61.4468,
103.5665

■ 16.3786, 12.8918,
1.8951

■ 57.0302, 65.3975,
104.2249

Harmonies

Analogous

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



29.9774, 31.1414, 32.8466



29.7383, 31.1414, 32.4605



29.4633, 31.1414, 32.4581

Triad

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



29.7383, 31.1414, 32.4605



29.0884, 31.1414, 34.2983



29.9750, 31.1414, 34.9984

Complementary

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



29.7383, 31.1414, 32.4605



29.1120, 30.7616, 34.9753

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.



29.7350, 31.1414, 35.3998



29.7383, 31.1414, 32.4605



29.2237, 31.1414, 34.9914

Square

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



29.7383, 31.1414, 32.4605



29.0892, 31.1414, 33.5108



29.4601, 31.1414, 35.3973



30.1146, 31.1414, 34.3077

Rectangle

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



29.7383, 31.1414, 32.4605



29.2967, 31.1414, 32.6740



29.4601, 31.1414, 35.3973



29.9033, 31.1414, 35.1721

Sweetspot

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



29.7392, 31.1427, 32.4612



55.3252, 58.1382, 62.6042



29.5026, 30.2846, 33.5691



12.5289, 13.1669, 14.1879



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.



29.7392, 31.1427, 32.4612



53.4887, 55.9274, 57.4842



30.2276, 32.1196, 32.6240



6.6498, 6.9491, 7.1063



13.0601, 10.0026, 1.2423



0.2316, 0.2222, 0.0307

Inverse Universe

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



29.1120, 30.7616, 34.9753



52.0087, 55.0280, 63.4166



28.6358, 29.8093, 34.8166



6.4501, 6.8277, 7.9069



6.9454, 6.2874, 25.7552



0.1402, 0.1667, 0.3972

Previews

White Background



This preview shows how the XYZ color 29.7383, 31.1414, 32.4605 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 29.7383, 31.1414, 32.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

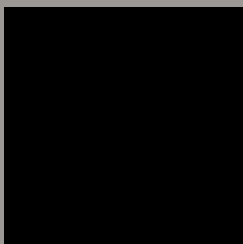
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

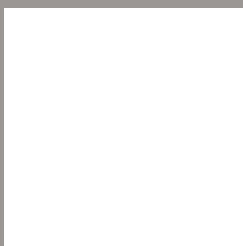
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7383, 31.1414, 32.4605

Background



This preview shows how black text looks on a background with the XYZ color 29.7383, 31.1414, 32.4605.



This preview shows how white text looks on a background with the XYZ color 29.7383, 31.1414,

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

29.7383, 31.1414, 32.4605

Protanopia

29.9295, 31.2399, 32.4694

Deuteranopia

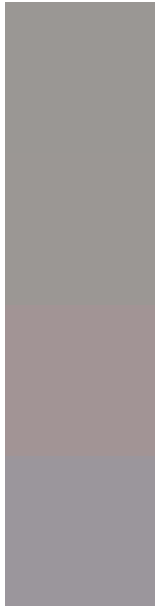
31.6400, 30.9432, 32.7388



Tritanopia

30.8908, 31.1360, 38.0999

Trichromacy



Original Color

29.7383, 31.1414, 32.4605

Protanomaly

29.9295, 31.2399, 32.4694

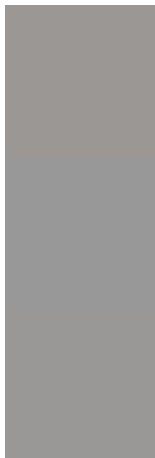
Deuteranomaly

30.9150, 31.0311, 32.7940

Tritanomaly

30.4247, 31.1816, 35.8676

Monochromacy



Original Color

29.7383, 31.1414, 32.4605

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9510, 31.4631, 33.7726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7383, 31.1414, 32.4605 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, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 148)  
}
```

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, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.7383, 31.1414, 32.4605 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, 151, 148) }
```


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

```
.border{ border-color:rgb(154, 151, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7383, 31.1414, 32.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 148) }
```

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

```
.background{ background-color: rgb(154,  
151, 148) }
```

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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