

Converting Colors

XYZ(30.0048, 30.8547, 33.6319)

Have a look what the booklet for
XYZ(30.0048, 30.8547, 33.6319)
contains.

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Color

**XYZ(30.0437, 30.7972,
33.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9597
RGB	156, 149, 151
RGB Percent	61%, 58%, 59%
CMY	0.3882, 0.4157, 0.4078
CMYK	0.00, 0.04, 0.03, 0.39
HSL	343°, 3%, 60%
HSV	343°, 4%, 61%
XYZ	30.0437, 30.7972, 33.6391
YIQ	151.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

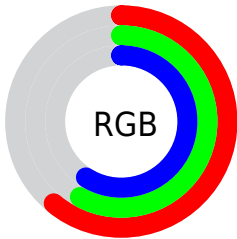
Format	Color
RYB	156, 149, 151
Decimal	10261911
CIELab	62.34, 2.94, -0.14
CIELCh	62, 2.946, 357.229
Yxy	30.7972, 0.3180, 0.3260
Android (android.graphics.Color)	4288451991 (0xFF9C9597)
YUV	151.3210, -0.1583, 4.1035
Hunter-Lab	55.4952, -0.4813, 2.9073

Details

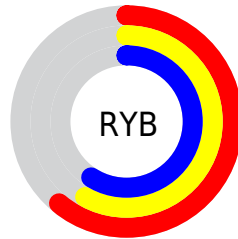
The XYZ color **30.0437, 30.7972, 33.6391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1169, 32.5005, 35.2595**, and the grayscale version is **29.5533, 31.0923, 33.8596**.

A 20% lighter version of the original color is **58.9537, 60.8213, 66.3901**, and **12.4936, 12.6587, 13.8415** is the 20% darker color. If you saturate the color by 10%, you get **26.8763, 25.8430, 28.3260**, and if you desaturate by 10%, it is **33.6291, 36.4496, 39.5147**.

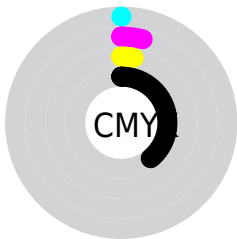
Distribution



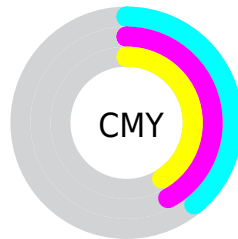
- Red (61%)
- Green (58%)
- Blue (59%)



- Red (61%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0437, 30.7972, 33.6391 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 30.0437, 30.7972, 33.6391 by changing the saturation by 10% instead.

■ 30.0437, 30.7972,
33.6391

■ 30.0437, 30.7972,
33.6391

294.0143,
305.6029, 333.2397

■ 20.0200, 20.4445,
22.3414

■ 59.1174, 60.9206,
66.4995

■ 12.5179, 12.7185,
13.9072

■ 78.8982, 81.4601,
88.8993

■ 7.1721, 7.2350,
7.9182

102.6620,
106.1640, 115.8368

■ 3.6173, 3.6095,
3.9556

130.7742,
135.4167, 147.7306

■ 1.4880, 1.4576,
1.6010

163.6002,
169.6025, 184.9993

■ 0.3176, 0.2586,
0.2915

201.5053,

■ 0.0000, 0.0000,

209.1059, 228.0613

0.0000

244.8548,
254.3112, 277.3353

■ 30.0437, 30.7972,
33.6391

■ 30.0437, 30.7972,
33.6391

■ 26.8763, 25.8430,
28.3260

■ 33.6291, 36.4496,
39.5147

■ 24.1088, 21.5559,
23.5565

■ 37.6445, 42.8216,
45.9669

■ 21.7257, 17.9083,
19.3138

■ 42.1046, 49.9389,
53.0117

■ 19.7096, 14.8695,
15.5792

■ 47.0227, 57.8246,
60.6639

■ 18.0415, 12.4059,
12.3330

■ 52.4114, 66.5008,
68.9378

■ 16.7007, 10.4808,
9.5540

■ 58.2829, 75.9888,
77.8473

■ 15.6642, 9.0530,
7.2196

■ 63.6181, 84.2471,
87.0620

■ 14.9059, 8.0755,
5.3047

■ 65.2257, 84.8901,
95.5273

■ 14.3943, 7.4909,
3.7815

■ 66.9351, 85.5739,
104.5287

Harmonies

Analogous

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



29.9207, 30.7972, 34.7346



30.0437, 30.7972, 33.6391



29.9583, 30.7972, 32.5390

Triad

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



30.0437, 30.7972, 33.6391



28.9227, 30.7972, 31.6196



28.8591, 30.7972, 35.4118

Complementary

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



30.0437, 30.7972, 33.6391



30.1169, 32.5005, 35.2595

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.



28.5959, 30.7972, 34.5468



30.0437, 30.7972, 33.6391



28.6324, 30.7972, 32.3593

Square

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



30.0437, 30.7972, 33.6391



29.3089, 30.7972, 31.3888



28.5133, 30.7972, 33.4270



29.2348, 30.7972, 35.7725

Rectangle

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



30.0437, 30.7972, 33.6391



29.7951, 30.7972, 31.9480



28.5133, 30.7972, 33.4270



28.7547, 30.7972, 35.1694

Sweetspot

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



30.0446, 30.7985, 33.6398



56.7380, 59.3497, 64.6795



30.0567, 30.7568, 35.8055



12.4935, 13.0732, 14.2466



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.



30.0446, 30.7985, 33.6398



54.1941, 55.3500, 60.4773



30.1065, 31.1797, 32.8669



6.9907, 7.1202, 7.7817



11.6891, 5.9802, 2.6139



0.2258, 0.1137, 0.1354

Inverse Universe

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



30.0446, 30.7985, 33.6398



54.1941, 55.3500, 60.4773



30.0511, 32.1006, 36.0652



6.9907, 7.1202, 7.7817



11.6891, 5.9802, 2.6139



0.2258, 0.1137, 0.1354

Previews

White Background



This preview shows how the XYZ color 30.0437, 30.7972, 33.6391 looks on a white background.

Color Contrast Check

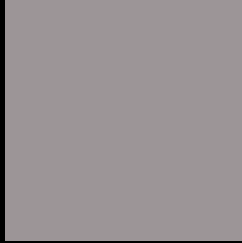
Large Text (above 18pt) WCAG AA × Fail

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 30.0437, 30.7972, 33.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

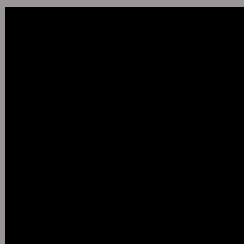
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

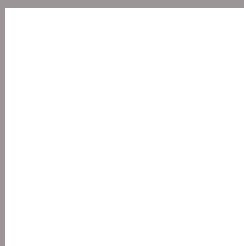
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0437, 30.7972, 33.6391

Background



This preview shows how black text looks on a background with the XYZ color 30.0437, 30.7972, 33.6391.

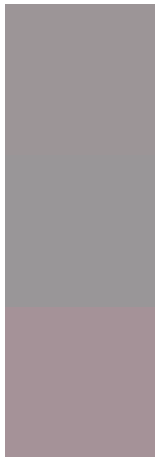


This preview shows how white text looks on a background with the XYZ color 30.0437, 30.7972,

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

30.0437, 30.7972, 33.6391

Protanopia

29.7107, 30.8520, 34.0949

Deuteranopia

31.4634, 30.8241, 33.9971



Tritanopia

30.7525, 30.8511, 37.1349

Trichromacy



Original Color

30.0437, 30.7972, 33.6391

Protanomaly

29.9003, 30.9497, 34.1037

Deuteranomaly

31.0015, 30.8158, 34.0199

Tritanomaly

30.4953, 30.7482, 35.7802

Monochromacy



Original Color

30.0437, 30.7972, 33.6391

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6291, 30.8194, 33.6653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0437, 30.7972, 33.6391 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(156, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(156, 149, 151)  
}
```

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(156, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 149, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.0437, 30.7972, 33.6391 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(156, 149, 151) }
```


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

```
.border{ border-color:rgb(156, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(156, 149,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0437, 30.7972, 33.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 149, 151) }
```

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

```
.background{ background-color: rgb(156,  
149, 151) }
```

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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