

Converting Colors

XYZ(30.3309, 31.8978, 36.4460)

Have a look what the booklet for
XYZ(30.3309, 31.8978, 36.4460)
contains.

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Color

**XYZ(30.2395, 31.7961,
36.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	97999D
RGB	151, 153, 157
RGB Percent	59%, 60%, 62%
CMY	0.4078, 0.4000, 0.3843
CMYK	0.04, 0.03, 0.00, 0.38
HSL	220°, 3%, 60%
HSV	220°, 4%, 62%
XYZ	30.2395, 31.7961, 36.4418
YIQ	152.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

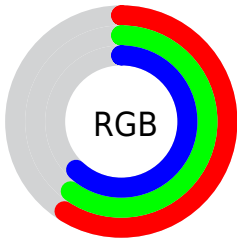
Format	Color
RYB	151, 153, 157
Decimal	9935261
CIELab	63.17, 0.07, -2.35
CIELCh	63, 2.354, 271.673
Yxy	31.7961, 0.3071, 0.3229
Android (android.graphics.Color)	4288125341 (0xFF97999D)
YUV	152.8580, 2.0420, -1.6295
Hunter-Lab	56.3880, -2.9539, 1.1544

Details

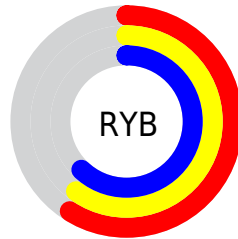
The XYZ color **30.2395, 31.7961, 36.4418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2119, 32.8447, 33.9731**, and the grayscale version is **30.2094, 31.7827, 34.6113**.

A 20% lighter version of the original color is **59.3733, 62.3582, 71.1944**, and **12.6084, 13.2527, 15.5292** is the 20% darker color. If you saturate the color by 10%, you get **25.8802, 27.1186, 35.7692**, and if you desaturate by 10%, it is **35.1387, 36.9765, 37.1840**.

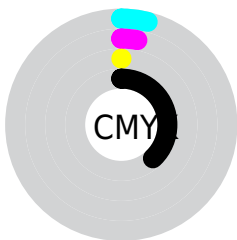
Distribution



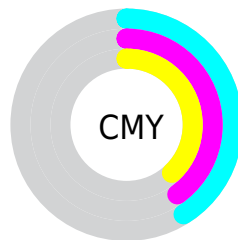
- Red (59%)
- Green (60%)
- Blue (62%)



- Red (59%)
- Yellow (60%)
- Blue (62%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2395, 31.7961, 36.4418 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 30.2395, 31.7961, 36.4418 by changing the saturation by 10% instead.

■ 30.2395, 31.7961,
36.4418

■ 30.2395, 31.7961,
36.4418

294.9091,
310.1894, 345.9831

■ 20.1694, 21.2058,
24.4832

■ 59.4248, 62.4913,
70.8901

■ 12.6272, 13.2745,
15.4769

■ 79.2706, 83.3650,
94.2170

■ 7.2476, 7.6179,
9.0045

103.1059,
108.4353, 122.1703

■ 3.6651, 3.8514,
4.6472

131.2957,
138.0866, 155.1686

■ 1.5145, 1.5908,
1.9867

164.2056,
172.7032, 193.6305

■ 0.3357, 0.3514,
0.5471

202.2009,

■ 0.0000, 0.0000,

212.6696, 237.9746

0.0000

245.6469,
258.3702, 288.6192

■ 30.2395, 31.7961,
36.4418

■ 30.2395, 31.7961,
36.4418

■ 25.8802, 27.1186,
35.7692

■ 35.1387, 36.9765,
37.1840

■ 22.0392, 22.9245,
35.1621

■ 40.5933, 42.6705,
37.9956

■ 18.6969, 19.1988,
34.6191

■ 46.6212, 48.8938,
38.8791

■ 15.8320, 15.9241,
34.1380

■ 53.2391, 55.6598,
39.8362

■ 13.4211, 13.0819,
33.7165

■ 60.4626, 62.9816,
40.8688

■ 11.4390, 10.6525,
33.3521

■ 68.3069, 70.8720,
41.9783

■ 9.8575, 8.6142,
33.0420

■ 74.5820, 78.2065,
43.0633

■ 8.6451, 6.9430,
32.7833

■ 77.5172, 84.0769,
44.0417

■ 7.7646, 5.6115,
32.5727

■ 80.6289, 90.3004,
45.0789

Harmonies

Analogous

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



29.9255, 31.7961, 36.2211



30.2395, 31.7961, 36.4418



30.5508, 31.7961, 36.1673

Triad

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



30.2395, 31.7961, 36.4418



30.7566, 31.7961, 33.6886



29.6741, 31.7961, 33.7777

Complementary

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



30.2395, 31.7961, 36.4418



31.2119, 32.8447, 33.9731

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.



29.8941, 31.7961, 33.1186



30.2395, 31.7961, 36.4418



30.5189, 31.7961, 33.0678

Square

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



30.2395, 31.7961, 36.4418



30.8507, 31.7961, 34.5683



30.2030, 31.7961, 32.8610



29.6004, 31.7961, 34.6729

Rectangle

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



30.2395, 31.7961, 36.4418



30.7145, 31.7961, 35.7431



30.2030, 31.7961, 32.8610



29.7333, 31.7961, 33.5217

Sweetspot

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



30.2404, 31.7975, 36.4425



56.5166, 59.4531, 65.6236



30.7279, 33.0570, 35.7279



12.4477, 13.0946, 14.4418



74.8435, 78.7412, 85.7492



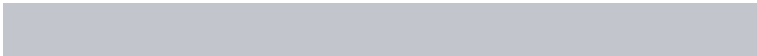
12.6291, 13.2868, 14.4694

Same Dimension

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



30.2404, 31.7975, 36.4425



53.1087, 55.8281, 65.1035



30.0830, 31.2337, 36.3420



6.8377, 7.1871, 8.4335



5.9862, 4.0639, 26.3761



0.1438, 0.1462, 0.4839

Inverse Universe

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



30.7217, 31.6017, 34.6192



54.2507, 55.3726, 60.7751



31.3730, 33.4267, 34.0770



6.9986, 7.1233, 7.8236



11.8197, 6.0325, 3.3018



0.2299, 0.1153, 0.1568

Previews

White Background



This preview shows how the XYZ color 30.2395, 31.7961, 36.4418 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 30.2395, 31.7961, 36.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

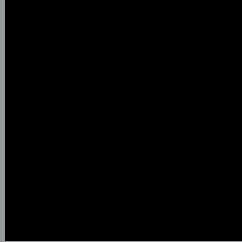
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2395, 31.7961, 36.4418

Background



This preview shows how black text looks on a background with the XYZ color 30.2395, 31.7961, 36.4418.



This preview shows how white text looks on a background with the XYZ color 30.2395, 31.7961,

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

30.2395, 31.7961, 36.4418

Protanopia

30.5554, 31.7268, 35.9659

Deuteranopia

32.2785, 31.6478, 36.7551



Tritanopia

30.8780, 31.8122, 39.6349

Trichromacy



Original Color

30.2395, 31.7961, 36.4418

Protanomaly

30.3659, 31.6291, 35.9571

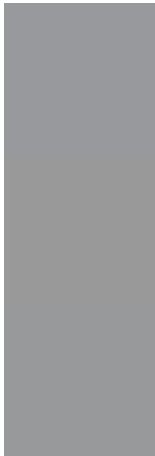
Deuteranomaly

31.5751, 31.7549, 36.8129

Tritanomaly

30.6102, 31.7051, 38.2246

Monochromacy



Original Color

30.2395, 31.7961, 36.4418

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1729, 31.7910, 35.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2395, 31.7961, 36.4418 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(151, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 153, 157)  
}
```

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(151, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 153, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.2395, 31.7961, 36.4418 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(151, 153, 157) }
```


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

```
.border{ border-color:rgb(151, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 153,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2395, 31.7961, 36.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 153, 157) }
```

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

```
.background{ background-color: rgb(151,  
153, 157) }
```

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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