

Converting Colors

XYZ(30.3534, 31.3069, 36.9260)

Have a look what the booklet for
XYZ(30.3534, 31.3069, 36.9260)
contains.

XYZ(30.3750, 31.3741, 36.8026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3750, 31.3741,
36.8026)**

Conversions

Conversions Part 1

Format	Color
Hex	99979E
RGB	153, 151, 158
RGB Percent	60%, 59%, 62%
CMY	0.4000, 0.4078, 0.3804
CMYK	0.03, 0.04, 0.00, 0.38
HSL	257°, 3%, 61%
HSV	257°, 4%, 62%
XYZ	30.3750, 31.3741, 36.8026
YIQ	152.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

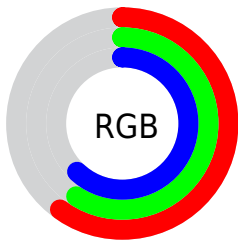
Format	Color
R _Y B	153, 151, 158
Decimal	10065822
CIE Lab	62.82, 2.09, -3.42
CIE LCh	63, 4.007, 301.510
Yxy	31.3741, 0.3082, 0.3184
Android (android.graphics.Color)	4288255902 (0xFF99979E)
YUV	152.3960, 2.7628, 0.5297
Hunter-Lab	56.0126, -1.2235, 0.2528

Details

The XYZ color **30.3750, 31.3741, 36.8026** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5242, 33.7568, 34.1339**, and the grayscale version is **30.0056, 31.5682, 34.3778**.

A 20% lighter version of the original color is **59.5737, 61.7321, 71.7264**, and **12.6905, 13.0007, 15.7504** is the 20% darker color. If you saturate the color by 10%, you get **25.9699, 25.5787, 35.9166**, and if you desaturate by 10%, it is **35.3244, 37.9577, 37.8130**.

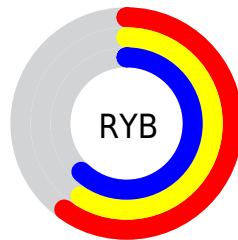
Distribution



Red (60%)

Green (59%)

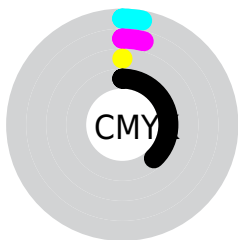
Blue (62%)



Red (60%)

Yellow (59%)

Blue (62%)

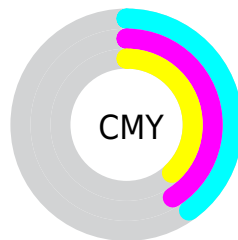


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3750, 31.3741, 36.8026 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 30.3750, 31.3741, 36.8026 by changing the saturation by 10% instead.

■ 30.3750, 31.3741,
36.8026

■ 30.3750, 31.3741,
36.8026

295.5271,
308.2581, 347.5980

■ 20.2729, 20.8839,
24.7601

■ 59.6373, 61.8286,
71.4520

■ 12.7030, 13.0391,
15.6810

■ 79.5282, 82.5616,
94.8960

■ 7.2999, 7.4555,
9.1468

103.4127,
107.4777, 122.9776

■ 3.6984, 3.7486,
4.7389

131.6561,
136.9613, 156.1153

■ 1.5329, 1.5339,
2.0389

164.6240,
171.3967, 194.7276

■ 0.3481, 0.3124,
0.5790

202.6815,

■ 0.0000, 0.0000,

211.1684, 239.2332

0.0000

246.1941,
256.6607, 290.0504

■ 30.3750, 31.3741,
36.8026

■ 30.3750, 31.3741,
36.8026

■ 25.9699, 25.5787,
35.9166

■ 35.3244, 37.9577,
37.8130

■ 22.0873, 20.5378,
35.1483

■ 40.8333, 45.3537,
38.9502

■ 18.7080, 16.2209,
34.4931

■ 46.9200, 53.5902,
40.2192

■ 15.8104, 12.5941,
33.9458

■ 53.6008, 62.6926,
41.6240

■ 13.3714, 9.6207,
33.5004

■ 60.8915, 72.6856,
43.1686

■ 11.3659, 7.2603,
33.1505

■ 68.8074, 83.5924,
44.8566

■ 9.7660, 5.4683,
32.8890

■ 75.2198, 91.1494,
45.9773

■ 8.5406, 4.1934,
32.7075

■ 79.0040, 93.1001,
46.1544

■ 7.6523, 3.3738,
32.5961

■ 83.0278, 95.1745,
46.3427

Harmonies

Analogous

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



29.8479, 31.3741, 37.2717



30.3750, 31.3741, 36.8026



30.7571, 31.3741, 35.6229

Triad

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



30.3750, 31.3741, 36.8026



30.3263, 31.3741, 31.5734



28.7778, 31.3741, 34.2407

Complementary

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



30.3750, 31.3741, 36.8026



31.5242, 33.7568, 34.1339

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.



28.9024, 31.3741, 32.7398



30.3750, 31.3741, 36.8026



29.7924, 31.3741, 31.2285

Square

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



30.3750, 31.3741, 36.8026



30.7288, 31.3741, 32.6060



29.2721, 31.3741, 31.6490



28.9296, 31.3741, 35.7648

Rectangle

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



30.3750, 31.3741, 36.8026



30.8759, 31.3741, 34.6091



29.2721, 31.3741, 31.6490



28.7887, 31.3741, 33.7169

Sweetspot

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



30.3759, 31.3754, 36.8033



58.1130, 60.8891, 67.4333



30.8264, 32.8314, 37.0606



13.1134, 13.7431, 15.2052



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.



30.3759, 31.3754, 36.8033



54.5962, 56.2288, 66.7192



31.0432, 31.7194, 36.8345



6.8361, 7.0265, 8.4026



5.8479, 2.4437, 26.0707



0.1430, 0.0635, 0.4680

Inverse Universe

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



31.1690, 31.8040, 35.9500



56.2481, 57.1215, 64.9377



30.8596, 33.4142, 34.1028



7.0622, 7.1488, 8.1584



13.6931, 6.7818, 13.1670



0.2619, 0.1281, 0.3255

Previews

White Background



This preview shows how the XYZ color 30.3750, 31.3741, 36.8026 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 30.3750, 31.3741, 36.8026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

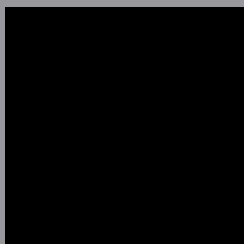
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3750, 31.3741, 36.8026

Background



This preview shows how black text looks on a background with the XYZ color 30.3750, 31.3741, 36.8026.



This preview shows how white text looks on a background with the XYZ color 30.3750, 31.3741,

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

30.3750, 31.3741, 36.8026

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

32.0016, 31.2632, 37.1486



Tritanopia

30.7544, 31.2914, 38.6013

Trichromacy



Original Color

30.3750, 31.3741, 36.8026

Protanomaly

30.3750, 31.3741, 36.8026

Deuteranomaly

31.3451, 31.1566, 37.1626

Tritanomaly

30.6658, 31.2559, 38.1349

Monochromacy



Original Color

30.3750, 31.3741, 36.8026

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0099, 31.4650, 35.0635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3750, 31.3741, 36.8026 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(153, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 158)  
}
```

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(153, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.3750, 31.3741, 36.8026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

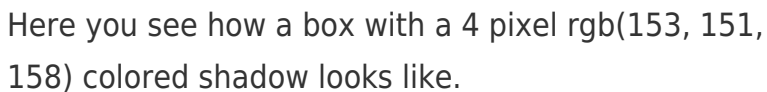
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 151, 158) }
```


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

```
.border{ border-color:rgb(153, 151, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 151, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 151, 158); box-shadow:4px 4px 4px 4px rgb(153, 151, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3750, 31.3741, 36.8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 158) }
```

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

```
.background{ background-color: rgb(153,  
151, 158) }
```

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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