

Converting Colors

XYZ(37.2212, 38.4828, 44.0131)

Have a look what the booklet for
XYZ(37.2212, 38.4828, 44.0131)
contains.

XYZ(37.3491, 38.6477, 44.0193)	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(37.3491, 38.6477,
44.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A6AB
RGB	169, 166, 171
RGB Percent	66%, 65%, 67%
CMY	0.3372, 0.3490, 0.3294
CMYK	0.01, 0.03, 0.00, 0.33
HSL	276°, 3%, 66%
HSV	276°, 3%, 67%
XYZ	37.3491, 38.6477, 44.0193
YIQ	167.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

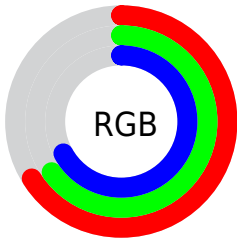
Format	Color
RYB	169, 166, 171
Decimal	11118251
CIELab	68.50, 2.02, -2.20
CIElCh	68, 2.992, 312.559
Yxy	38.6477, 0.3112, 0.3220
Android (android.graphics.Color)	4289308331 (0xFFA9A6AB)
YUV	167.4670, 1.7418, 1.3444
Hunter-Lab	62.1673, -1.5528, 1.5351

Details

The XYZ color **37.3491, 38.6477, 44.0193** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5957, 40.2048, 41.8571**, and the grayscale version is **36.9510, 38.8754, 42.3353**.

A 20% lighter version of the original color is **70.3244, 73.0512, 82.3453**, and **16.6832, 17.1484, 19.8834** is the 20% darker color. If you saturate the color by 10%, you get **33.0155, 32.1028, 42.9850**, and if you desaturate by 10%, it is **42.1751, 46.0622, 45.1967**.

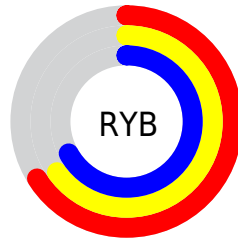
Distribution



Red (66%)

Green (65%)

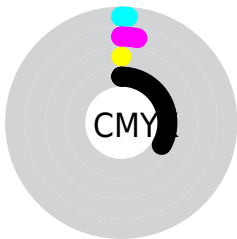
Blue (67%)



Red (66%)

Yellow (65%)

Blue (67%)

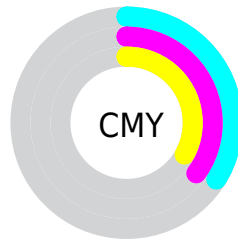


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3491, 38.6477, 44.0193 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 37.3491, 38.6477, 44.0193 by changing the saturation by 10% instead.

■ 37.3491, 38.6477,
44.0193

■ 37.3491, 38.6477,
44.0193

326.1488,
340.3903, 378.8307

■ 25.6528, 26.4858,
30.3484

■ 70.4197, 73.0998,
82.5496

■ 16.6954, 17.1874,
19.8489

■ 92.5248, 96.1588,
108.2460

■ 10.1115, 10.3682,
12.1023

118.8301,
123.6189, 138.7880

■ 5.5358, 5.6438,
6.6900

149.7011,
155.8645, 174.5941

■ 2.6029, 2.6297,
3.1935

185.5032,
193.2801, 216.0829

■ 0.9474, 0.9416,
1.1943

226.6015,

■ 0.0000, 0.0000,

236.2500, 263.6729

0.0000

273.3616,
285.1586, 317.7827

■ 37.3491, 38.6477,
44.0193

■ 37.3491, 38.6477,
44.0193

■ 33.0155, 32.1028,
42.9850

■ 42.1751, 46.0622,
45.1967

■ 29.1536, 26.3894,
42.0857

■ 47.5066, 54.3725,
46.5197

■ 25.7461, 21.4743,
41.3166

■ 53.3603, 63.6099,
47.9942

■ 22.7732, 17.3197,
40.6714

■ 59.7512, 73.8025,
49.6247

■ 20.2137, 13.8848,
40.1433

■ 66.6936, 84.9773,
51.4158

■ 18.0442, 11.1249,
39.7249

■ 69.7063, 88.1708,
51.8734

■ 16.2388, 8.9902,
39.4080

■ 71.6973, 89.1972,
51.9666

■ 14.7680, 7.4236,
39.1832

■ 73.7727, 90.2671,
52.0637

■ 13.5967, 6.3572,
39.0391

■ 75.9335, 91.3810,
52.1648

Harmonies

Analogous

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



36.9307, 38.6477, 44.6622



37.3491, 38.6477, 44.0193



37.6038, 38.6477, 42.8626

Triad

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



37.3491, 38.6477, 44.0193



37.0055, 38.6477, 39.6557



35.8570, 38.6477, 42.6470

Complementary

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



37.3491, 38.6477, 44.0193



37.5957, 40.2048, 41.8571

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.



35.8767, 38.6477, 41.3085



37.3491, 38.6477, 44.0193



36.5370, 38.6477, 39.6008

Square

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



37.3491, 38.6477, 44.0193



37.4043, 38.6477, 40.3517



36.1247, 38.6477, 40.2000



36.0708, 38.6477, 43.8586

Rectangle

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



37.3491, 38.6477, 44.0193



37.6452, 38.6477, 41.9652



36.1247, 38.6477, 40.2000



35.8366, 38.6477, 42.1966

Sweetspot

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



37.3502, 38.6494, 44.0201



68.4686, 71.6253, 79.2183



37.0960, 39.0848, 44.1176



15.2792, 15.9887, 17.6685



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.3502, 38.6494, 44.0201



65.9558, 67.7938, 78.6112



37.7429, 38.8564, 43.8316



8.4961, 8.7027, 10.1847



9.7814, 4.4024, 29.3787



0.3316, 0.1532, 0.8201

Inverse Universe

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



37.5000, 38.7592, 42.5524



66.3294, 68.0675, 74.9661



37.2114, 40.0023, 42.0389



8.5516, 8.7433, 9.6449



13.4818, 6.8552, 4.9164



0.4025, 0.2017, 0.2814

Previews

White Background



This preview shows how the XYZ color 37.3491, 38.6477, 44.0193 looks on a white background.

Color Contrast Check

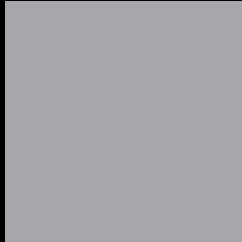
Large Text (above 18pt) WCAG AA × Fail

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 37.3491, 38.6477, 44.0193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

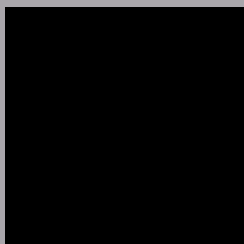
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

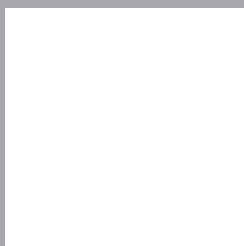
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3491, 38.6477, 44.0193

Background



This preview shows how black text looks on a background with the XYZ color 37.3491, 38.6477, 44.0193.



This preview shows how white text looks on a background with the XYZ color 37.3491, 38.6477,

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

37.3491, 38.6477, 44.0193

Protanopia

37.3491, 38.6477, 44.0193

Deuteranopia

39.4228, 38.6430, 44.4108



Tritanopia

38.0686, 38.6707, 47.5772

Trichromacy



Original Color

37.3491, 38.6477, 44.0193

Protanomaly

37.3491, 38.6477, 44.0193

Deuteranomaly

38.6750, 38.5201, 44.4264

Tritanomaly

37.7706, 38.5515, 46.0079

Monochromacy



Original Color

37.3491, 38.6477, 44.0193

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0350, 38.7894, 42.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3491, 38.6477, 44.0193 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(169, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 171)  
}
```

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(169, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.3491, 38.6477, 44.0193 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(169, 166, 171) }
```


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

```
.border{ border-color:rgb(169, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3491, 38.6477, 44.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 171) }
```

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

```
.background{ background-color: rgb(169,  
166, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor