

Converting Colors

XYZ(37.2736, 38.7173, 51.4076)

Have a look what the booklet for
XYZ(37.2736, 38.7173, 51.4076)
contains.

XYZ(37.2736, 38.7173, 51.4076)	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(37.2736, 38.7173,
51.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A7B9
RGB	161, 167, 185
RGB Percent	63%, 65%, 73%
CMY	0.3686, 0.3451, 0.2745
CMYK	0.13, 0.10, 0.00, 0.27
HSL	225°, 15%, 68%
HSV	225°, 13%, 73%
XYZ	37.2736, 38.7173, 51.4076
YIQ	167.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

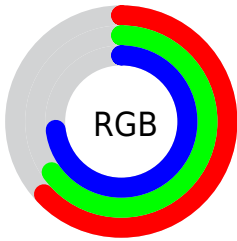
Format	Color
RYB	161, 166, 185
Decimal	10594233
CIELab	68.55, 1.56, -9.97
CIELCh	69, 10.087, 278.885
Yxy	38.7173, 0.2926, 0.3039
Android (android.graphics.Color)	4288784313 (0xFFA1A7B9)
YUV	167.2580, 8.7468, -5.4883
Hunter-Lab	62.2232, -1.9637, -5.4280

Details

The XYZ color **37.2736, 38.7173, 51.4076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5609, 45.1274, 40.1862**, and the grayscale version is **36.8192, 38.7367, 42.1843**.

A 20% lighter version of the original color is **70.3174, 73.1924, 93.6405**, and **16.6023, 17.1786, 24.2706** is the 20% darker color. If you saturate the color by 10%, you get **31.4113, 32.1233, 50.4444**, and if you desaturate by 10%, it is **43.9625, 46.1442, 52.4892**.

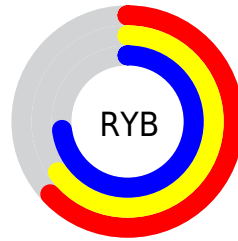
Distribution



Red (63%)

Green (65%)

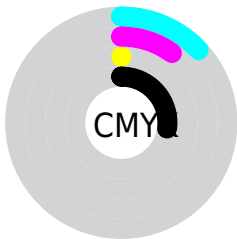
Blue (73%)



Red (63%)

Yellow (65%)

Blue (73%)

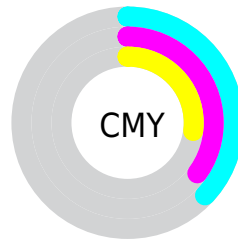


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2736, 38.7173, 51.4076 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 37.2736, 38.7173, 51.4076 by changing the saturation by 10% instead.

■ 37.2736, 38.7173,
51.4076

■ 37.2736, 38.7173,
51.4076

325.8285,
340.6871, 409.0370

■ 25.5940, 26.5399,
36.1541

■ 70.3045, 73.2063,
93.6747

■ 16.6513, 17.2280,
24.2626

■ 92.3865, 96.2866,
121.5253

■ 10.0799, 10.3972,
15.3145

118.6668,
123.7700, 154.4121

■ 5.5147, 5.6631,
8.8914

149.5106,
156.0408, 192.7536

■ 2.5901, 2.6413,
4.5745

185.2833,
193.4836, 236.9682

■ 0.9409, 0.9475,
1.9455

226.3503,

■ 0.0000, 0.0000,

236.4826, 287.4747

0.5215

273.0769,
285.4223, 344.6914

■ 0.0000, 0.0000,
0.0000

■ 37.2736, 38.7173,
51.4076

■ 37.2736, 38.7173,
51.4076

■ 31.4113, 32.1233,
50.4444

■ 43.9625, 46.1442,
52.4892

■ 26.3394, 26.3279,
49.5931

■ 51.5054, 54.4272,
53.6904

■ 22.0242, 21.3013,
48.8503

■ 59.9327, 63.5947,
55.0158

■ 18.4280, 17.0099,
48.2115

■ 69.2721, 73.6721,
56.4687

■ 15.5099, 13.4176,
47.6720

■ 79.5502, 84.6839,
58.0524

■ 13.2246, 10.4852,
47.2264

■ 84.2582, 93.2852,
59.4645

■ 11.5207, 8.1687,
46.8691

■ 85.7571, 96.2828,
59.9641

■ 10.3381, 6.4185,
46.5936

■ 9.7446, 5.4779,
46.4433

Harmonies

Analogous

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



35.7097, 38.7173, 50.8587



37.2736, 38.7173, 51.4076



38.7514, 38.7173, 49.3423

Triad

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



37.2736, 38.7173, 51.4076



39.2299, 38.7173, 36.8980



34.0220, 38.7173, 39.0818

Complementary

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



37.2736, 38.7173, 51.4076



42.5609, 45.1274, 40.1862

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.



34.9145, 38.7173, 35.7047



37.2736, 38.7173, 51.4076



37.9115, 38.7173, 34.5084

Square

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



37.2736, 38.7173, 51.4076



39.9020, 38.7173, 40.8193



36.3297, 38.7173, 34.0878



33.8624, 38.7173, 43.5227

Rectangle

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



37.2736, 38.7173, 51.4076



39.4782, 38.7173, 46.8426



36.3297, 38.7173, 34.0878



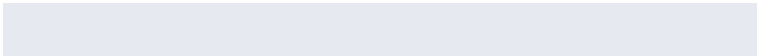
34.2450, 38.7173, 37.7939

Sweetspot

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



37.2748, 38.7189, 51.4085



77.3531, 81.1157, 93.7846



40.1438, 45.5142, 49.1060



16.4734, 17.2632, 20.1855



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.2748, 38.7189, 51.4085



63.1440, 65.2979, 91.4803



37.3545, 37.1653, 51.1044



8.6988, 9.0747, 11.3726



6.6851, 3.8298, 31.6400



0.2863, 0.2364, 1.1323

Inverse Universe

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



39.7284, 38.5949, 41.9167



68.5516, 65.1087, 70.5427



42.4656, 46.9032, 40.5340



9.0943, 9.0481, 9.8440



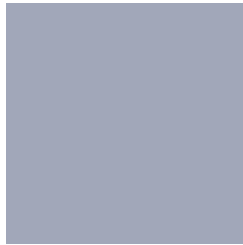
13.9880, 7.1690, 2.5576



0.5187, 0.2630, 0.2249

Previews

White Background



This preview shows how the XYZ color 37.2736, 38.7173, 51.4076 looks on a white background.

Color Contrast Check

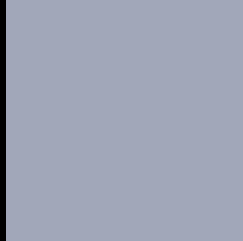
Large Text (above 18pt) WCAG AA × Fail

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 37.2736, 38.7173, 51.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

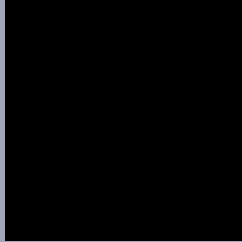
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

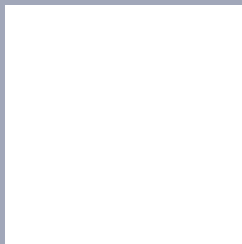
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2736, 38.7173, 51.4076

Background



This preview shows how black text looks on a background with the XYZ color 37.2736, 38.7173, 51.4076.



This preview shows how white text looks on a background with the XYZ color 37.2736, 38.7173,

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

37.2736, 38.7173, 51.4076

Protanopia

37.8050, 38.7325, 50.8310

Deuteranopia

39.6393, 38.8535, 51.8646



Tritanopia

36.8403, 38.8150, 49.2664

Trichromacy



Original Color

37.2736, 38.7173, 51.4076

Protanomaly

37.5978, 38.6256, 50.8213

Deuteranomaly

38.7159, 38.6421, 51.8725

Tritanomaly

36.9433, 38.8562, 49.8089

Monochromacy



Original Color

37.2736, 38.7173, 51.4076

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9757, 38.6928, 45.5640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2736, 38.7173, 51.4076 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(161, 167, 185) looks like.

```
.text, #text, p{  
    color:rgb(161, 167, 185)  
}
```

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(161, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 167, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.2736, 38.7173, 51.4076 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(161, 167, 185) }
```


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

```
.border{ border-color:rgb(161, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(161, 167,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2736, 38.7173, 51.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 167, 185) }
```

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

```
.background{ background-color: rgb(161,  
167, 185) }
```

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