

Converting Colors

XYZ(37.0568, 41.4311, 51.9428)

Have a look what the booklet for
XYZ(37.0568, 41.4311, 51.9428)
contains.

XYZ(37.0568, 41.4311, 51.9428)	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(37.0568, 41.4311,
51.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	96B1B9
RGB	150, 177, 185
RGB Percent	59%, 69%, 73%
CMY	0.4118, 0.3059, 0.2745
CMYK	0.19, 0.04, 0.00, 0.27
HSL	194°, 20%, 66%
HSV	194°, 19%, 73%
XYZ	37.0568, 41.4311, 51.9428
YIQ	169.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

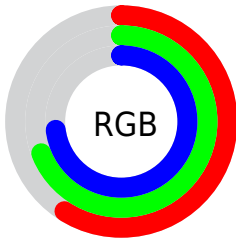
Format	Color
RYB	150, 165, 185
Decimal	9875897
CIELab	70.48, -7.48, -7.18
CIELCh	70, 10.362, 223.824
Yxy	41.4311, 0.2841, 0.3176
Android (android.graphics.Color)	4288065977 (0xFF96B1B9)
YUV	169.8390, 7.4744, -17.3988
Hunter-Lab	64.3670, -9.8778, -2.7889

Details

The XYZ color **37.0568, 41.4311, 51.9428** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7398, 36.9701, 34.0019**, and the grayscale version is **38.0999, 40.0841, 43.6516**.

A 20% lighter version of the original color is **70.1929, 77.6078, 94.4993**, and **16.5181, 18.7339, 24.5752** is the 20% darker color. If you saturate the color by 10%, you get **33.0958, 38.1697, 51.5227**, and if you desaturate by 10%, it is **41.5836, 45.0247, 52.3985**.

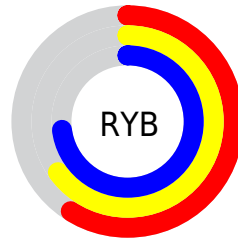
Distribution



Red (59%)

Green (69%)

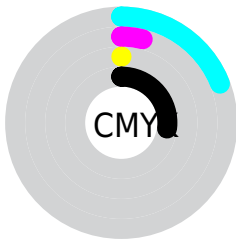
Blue (73%)



Red (59%)

Yellow (65%)

Blue (73%)

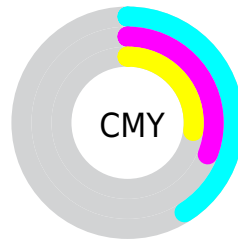


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (41%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0568, 41.4311, 51.9428 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 37.0568, 41.4311, 51.9428 by changing the saturation by 10% instead.

■ 37.0568, 41.4311,
51.9428

■ 37.0568, 41.4311,
51.9428

324.9076,
352.1192, 411.1664

■ 25.4253, 28.6561,
36.5776

■ 69.9734, 77.3379,
94.4726

■ 16.5247, 18.8208,
24.5874

■ 91.9893, 101.2385,
122.4742

■ 9.9894, 11.5409,
15.5537

118.1973,
129.6163, 155.5251

■ 5.4541, 6.4319,
9.0580

148.9629,
162.8559, 194.0437

■ 2.5536, 3.1094,
4.6817

184.6513,
201.3416, 238.4486

■ 0.9223, 1.1891,
2.0063

225.6280,

■ 0.0000, 0.0528,

245.4578, 289.1583

0.5591

272.2584,
295.5888, 346.5914

■ 0.0000, 0.0000,
0.0000

■ 37.0568, 41.4311,
51.9428

■ 37.0568, 41.4311,
51.9428

■ 33.0958, 38.1697,
51.5227

■ 41.5836, 45.0247,
52.3985

■ 29.6716, 35.2221,
51.1342

■ 46.6962, 48.9580,
52.8883

■ 26.7579, 32.5753,
50.7769

■ 52.4182, 53.2445,
53.4140

■ 24.3248, 30.2137,
50.4493

■ 58.7708, 57.8955,
53.9770

■ 22.3393, 28.1198,
50.1498

■ 65.7741, 62.9216,
54.5780

■ 20.7636, 26.2738,
49.8766

■ 71.2040, 67.1768,
55.1131

■ 19.5538, 24.6527,
49.6274

■ 72.2120, 69.1926,
55.4491

■ 18.6323, 23.2162,
49.3987

■ 73.2473, 71.2633,
55.7942

■ 18.5387, 23.0660,
49.3747

■ 74.3103, 73.3892,
56.1485

Harmonies

Analogous

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



36.2753, 41.4311, 47.3964



37.0568, 41.4311, 51.9428



38.4712, 41.4311, 54.7611

Triad

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



37.0568, 41.4311, 51.9428



42.6181, 41.4311, 47.7827



38.5995, 41.4311, 36.5807

Complementary

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



37.0568, 41.4311, 51.9428



37.7398, 36.9701, 34.0019

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.



40.3010, 41.4311, 36.6677



37.0568, 41.4311, 51.9428



42.6549, 41.4311, 42.9011

Square

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



37.0568, 41.4311, 51.9428



41.6972, 41.4311, 52.2432



41.7963, 41.4311, 38.9069



37.1484, 41.4311, 38.6601

Rectangle

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



37.0568, 41.4311, 51.9428



39.5985, 41.4311, 55.1619



41.7963, 41.4311, 38.9069



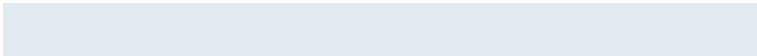
39.1604, 41.4311, 36.3625

Sweetspot

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



37.0580, 41.4328, 51.9437



76.9489, 82.5615, 94.0849



36.0632, 43.6370, 38.6830



16.4653, 17.7030, 20.2708



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.



37.0580, 41.4328, 51.9437



63.0845, 71.5283, 92.6861



33.8918, 35.1004, 50.8883



9.0880, 9.8532, 11.5023



12.6799, 15.8195, 33.6382



0.4903, 0.6442, 1.2003

Inverse Universe

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



38.8507, 35.3023, 46.3633



66.9716, 58.5424, 80.5171



40.8595, 43.2095, 35.0418



9.2908, 9.1267, 10.8785



17.0139, 8.3793, 18.4918



0.6216, 0.3041, 0.7669

Previews

White Background



This preview shows how the XYZ color 37.0568, 41.4311, 51.9428 looks on a white background.

Color Contrast Check

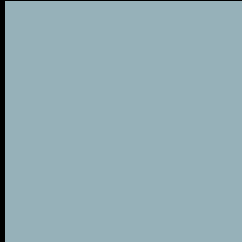
Large Text (above 18pt) WCAG AA × Fail

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 37.0568, 41.4311, 51.9428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

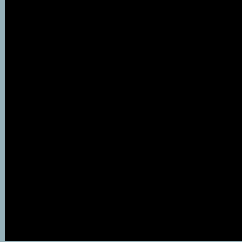
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

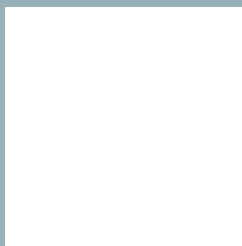
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0568, 41.4311, 51.9428

Background



This preview shows how black text looks on a background with the XYZ color 37.0568, 41.4311, 51.9428.



This preview shows how white text looks on a background with the XYZ color 37.0568, 41.4311,

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

37.0568, 41.4311, 51.9428

Protanopia

39.9167, 41.2327, 49.5709

Deuteranopia

42.0798, 41.1704, 52.7425



Tritanopia

37.5821, 41.3477, 54.7153

Trichromacy



Original Color

37.0568, 41.4311, 51.9428

Protanomaly

38.6969, 41.1571, 50.1605

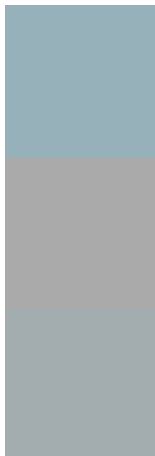
Deuteranomaly

40.0034, 41.2170, 52.3017

Tritanomaly

37.3649, 41.2608, 53.5717

Monochromacy



Original Color

37.0568, 41.4311, 51.9428

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7857, 40.7688, 46.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0568, 41.4311, 51.9428 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(150, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(150, 177, 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(150, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 177, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.0568, 41.4311, 51.9428 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(150, 177, 185) }
```


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

```
.border{ border-color:rgb(150, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(150, 177,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0568, 41.4311, 51.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 177, 185) }
```

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

```
.background{ background-color: rgb(150,  
177, 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](#).

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