

Converting Colors

XYZ(37.2405, 40.3450, 52.8542)

Have a look what the booklet for
XYZ(37.2405, 40.3450, 52.8542)
contains.

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Color

**XYZ(37.2396, 40.3450,
52.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	9AADBB
RGB	154, 173, 187
RGB Percent	60%, 68%, 73%
CMY	0.3961, 0.3216, 0.2667
CMYK	0.18, 0.07, 0.00, 0.27
HSL	205°, 20%, 67%
HSV	205°, 18%, 73%
XYZ	37.2396, 40.3450, 52.8383
YIQ	168.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

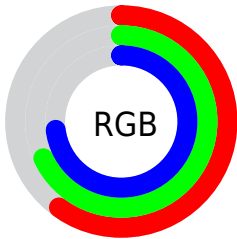
Format	Color
RYB	154, 166, 187
Decimal	10137019
CIELab	69.71, -3.59, -9.38
CIElCh	70, 10.046, 249.060
Yxy	40.3450, 0.2855, 0.3093
Android (android.graphics.Color)	4288327099 (0xFF9AADB8)
YUV	168.9150, 8.9159, -13.0805
Hunter-Lab	63.5177, -6.5038, -4.8590

Details

The XYZ color **37.2396, 40.3450, 52.8383** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3291, 40.9030, 36.3421**, and the grayscale version is **37.6339, 39.5938, 43.1177**.

A 20% lighter version of the original color is **70.2156, 75.5132, 95.6688**, and **16.6199, 18.2208, 25.1952** is the 20% darker color. If you saturate the color by 10%, you get **32.4781, 35.7000, 52.1933**, and if you desaturate by 10%, it is **42.6483, 45.4598, 53.5411**.

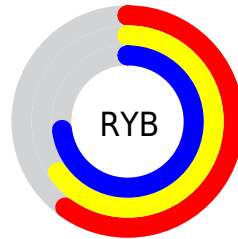
Distribution



Red (60%)

Green (68%)

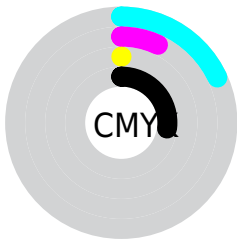
Blue (73%)



Red (60%)

Yellow (65%)

Blue (73%)

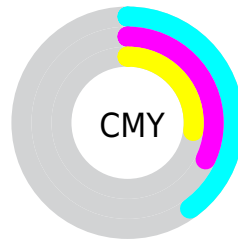


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2396, 40.3450, 52.8383 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 37.2396, 40.3450, 52.8383 by changing the saturation by 10% instead.

■ 37.2396, 40.3450,
52.8383

■ 37.2396, 40.3450,
52.8383

325.6842,
347.5756, 414.7131

■ 25.5676, 27.8076,
37.2869

■ 70.2526, 75.6886,
95.8055

■ 16.6314, 18.1807,
25.1321

■ 92.3243, 99.2636,
124.0584

■ 10.0657, 11.0798,
15.9556

118.5932,
127.2866, 157.3821

■ 5.5052, 6.1205,
9.3387

149.4247,
160.1420, 196.1953

■ 2.5844, 2.9185,
4.8630

185.1843,
198.2142, 240.9165

■ 0.9380, 1.0893,
2.1098

226.2371,

■ 0.0000, 0.0000,

241.8876, 291.9641

0.6216

272.9487,
291.5466, 349.7568

■ 0.0000, 0.0000,
0.0000

■ 37.2396, 40.3450,
52.8383

■ 37.2396, 40.3450,
52.8383

■ 32.4781, 35.7000,
52.1933

■ 42.6483, 45.4598,
53.5411

■ 28.3330, 31.5035,
51.6018

■ 48.7260, 51.0548,
54.3008

■ 24.7764, 27.7397,
51.0628

■ 55.4980, 57.1462,
55.1196

■ 21.7765, 24.3899,
50.5743

■ 62.9870, 63.7479,
55.9991

■ 19.2983, 21.4335,
50.1343

■ 71.2148, 70.8732,
56.9408

■ 17.3023, 18.8476,
49.7403

■ 75.9597, 76.3478,
57.7474

■ 15.7427, 16.6058,
49.3898

■ 78.0987, 80.6258,
58.4604

■ 14.5520, 14.6707,
49.0791

■ 80.3379, 85.1042,
59.2068

■ 14.2987, 14.2457,
49.0104

■ 82.6786, 89.7856,
59.9870

Harmonies

Analogous

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



35.9687, 40.3450, 49.8193



37.2396, 40.3450, 52.8383



38.8414, 40.3450, 53.3829

Triad

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



37.2396, 40.3450, 52.8383



41.5195, 40.3450, 42.5331



36.4092, 40.3450, 37.3333

Complementary

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



37.2396, 40.3450, 52.8383



40.3291, 40.9030, 36.3421

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.



37.8562, 40.3450, 35.6626



37.2396, 40.3450, 52.8383



40.8273, 40.3450, 38.5220

Square

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



37.2396, 40.3450, 52.8383



41.3430, 40.3450, 47.2090



39.4756, 40.3450, 36.0818



35.4988, 40.3450, 40.8043

Rectangle

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



37.2396, 40.3450, 52.8383



39.8863, 40.3450, 52.2342



39.4756, 40.3450, 36.0818



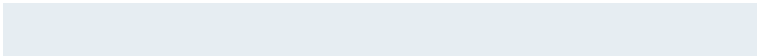
36.8473, 40.3450, 36.5541

Sweetspot

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



37.2408, 40.3467, 52.8392



79.0586, 83.9050, 96.2298



38.1421, 45.2292, 43.6443



17.2461, 18.3253, 21.1707



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.2408, 40.3467, 52.8392



63.4153, 69.0907, 94.1949



34.3115, 34.4881, 51.8628



9.4603, 10.1129, 12.1256



9.9245, 9.9608, 33.7924



0.4523, 0.5172, 1.3449

Inverse Universe

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



39.5929, 36.6940, 44.5329



68.4244, 61.5509, 76.4514



43.5194, 47.2835, 37.4055



9.7542, 9.6260, 11.0946



16.0102, 8.0352, 10.6133



0.6592, 0.3276, 0.5846

Previews

White Background



This preview shows how the XYZ color 37.2396, 40.3450, 52.8383 looks on a white background.

Color Contrast Check

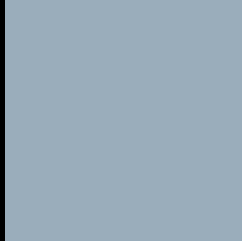
Large Text (above 18pt) WCAG AA × Fail

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 37.2396, 40.3450, 52.8383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

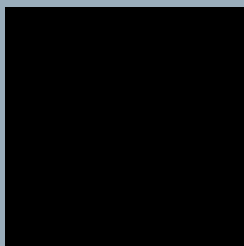
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

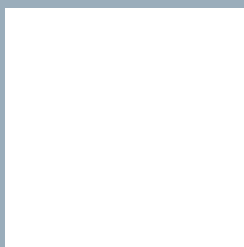
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2396, 40.3450, 52.8383

Background



This preview shows how black text looks on a background with the XYZ color 37.2396, 40.3450, 52.8383.

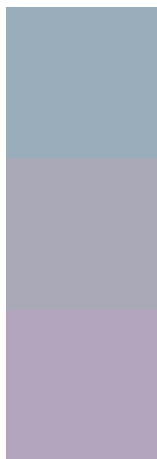


This preview shows how white text looks on a background with the XYZ color 37.2396, 40.3450,

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

37.2396, 40.3450, 52.8383

Protanopia

39.2019, 40.2716, 51.0544

Deuteranopia

41.0005, 40.0494, 53.7135



Tritanopia

37.2396, 40.3450, 52.8383

Trichromacy



Original Color

37.2396, 40.3450, 52.8383

Protanomaly

38.4415, 40.1447, 51.6216

Deuteranomaly

39.4419, 40.0711, 53.2326

Tritanomaly

37.2396, 40.3450, 52.8383

Monochromacy



Original Color

37.2396, 40.3450, 52.8383

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5210, 39.7766, 46.7744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2396, 40.3450, 52.8383 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(154, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(154, 173, 187)  
}
```

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(154, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 173, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.2396, 40.3450, 52.8383 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(154, 173, 187) }
```


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

```
.border{ border-color:rgb(154, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 173, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 173, 187);  
box-shadow:4px 4px 4px 4px rgb(154, 173,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2396, 40.3450, 52.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 173, 187) }
```

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

```
.background{ background-color: rgb(154,  
173, 187) }
```

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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