

Converting Colors

XYZ(37.3416, 41.5778, 49.9871)

Have a look what the booklet for
XYZ(37.3416, 41.5778, 49.9871)
contains.

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Color

**XYZ(37.3891, 41.6505,
49.7848)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB1B5
RGB	154, 177, 181
RGB Percent	60%, 69%, 71%
CMY	0.3961, 0.3059, 0.2902
CMYK	0.15, 0.02, 0.00, 0.29
HSL	189°, 15%, 66%
HSV	189°, 15%, 71%
XYZ	37.3891, 41.6505, 49.7848
YIQ	170.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

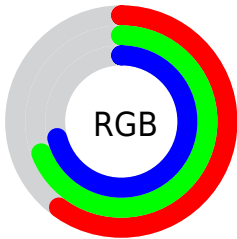
Format	Color
R_{YB}	154, 166, 181
Decimal	10138037
CIE Lab	70.63, -7.04, -4.72
CIE LCh	71, 8.478, 213.811
Yxy	41.6505, 0.2902, 0.3233
Android (android.graphics.Color)	4288328117 (0xFF9AB1B5)
YUV	170.5790, 5.1376, -14.5398
Hunter-Lab	64.5372, -9.5276, -0.5610

Details

The XYZ color **37.3891, 41.6505, 49.7848** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1160, 36.6106, 35.6831**, and the grayscale version is **38.4791, 40.4830, 44.0860**.

A 20% lighter version of the original color is **70.7195, 77.9476, 91.4388**, and **16.6975, 18.8574, 23.1819** is the 20% darker color. If you saturate the color by 10%, you get **33.6767, 38.9597, 49.4617**, and if you desaturate by 10%, it is **41.6338, 44.6334, 50.1375**.

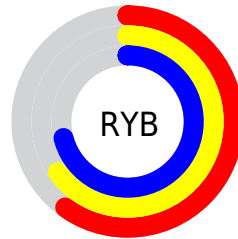
Distribution



Red (60%)

Green (69%)

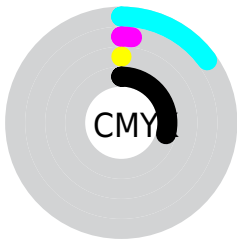
Blue (71%)



Red (60%)

Yellow (65%)

Blue (71%)

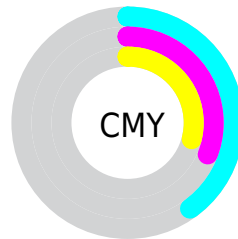


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3891, 41.6505, 49.7848 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 37.3891, 41.6505, 49.7848 by changing the saturation by 10% instead.

■ 37.3891, 41.6505,
49.7848

■ 37.3891, 41.6505,
49.7848

326.3184,
353.0321, 402.5347

■ 25.6840, 28.8277,
34.8725

■ 70.4808, 77.6704,
91.2490

■ 16.7188, 18.9505,
23.2819

■ 92.5980, 101.6363,
118.6379

■ 10.1283, 11.6345,
14.5945

118.9166,
130.0854, 151.0227

■ 5.5470, 6.4953,
8.3919

149.8021,
163.4020, 188.8220

■ 2.6097, 3.1486,
4.2554

185.6196,
201.9706, 232.4543

■ 0.9509, 1.2098,
1.7664

226.7346,

■ 0.0000, 0.0697,

246.1756, 282.3382

0.4057

273.5124,
296.4012, 338.8921

■ 0.0000, 0.0000,
0.0000

■ 37.3891, 41.6505,
49.7848

■ 37.3891, 41.6505,
49.7848

■ 33.6767, 38.9597,
49.4617

■ 41.6338, 44.6334,
50.1375

■ 30.4698, 36.5436,
49.1644

■ 46.4289, 47.9145,
50.5181

■ 27.7445, 34.3911,
48.8926

■ 51.7962, 51.5061,
50.9285

■ 25.4737, 32.4881,
48.6450

■ 57.7552, 55.4185,
51.3695

■ 23.6274, 30.8191,
48.4201

■ 64.3244, 59.6612,
51.8422

■ 22.1722, 29.3666,
48.2164

■ 68.6690, 62.7730,
52.2139

■ 21.0692, 28.1106,
48.0321

■ 69.2671, 63.9693,
52.4133

■ 20.2713, 27.0266,
47.8650

■ 69.8761, 65.1872,
52.6163

■ 19.9296, 26.5142,
47.7841

■ 70.4959, 66.4269,
52.8229

Harmonies

Analogous

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



36.9575, 41.6505, 45.8656



37.3891, 41.6505, 49.7848



38.4094, 41.6505, 52.6391

Triad

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



37.3891, 41.6505, 49.7848



42.0569, 41.6505, 48.8446



39.4086, 41.6505, 38.0730

Complementary

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



37.3891, 41.6505, 49.7848



37.1160, 36.6106, 35.6831

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.



40.7896, 41.6505, 38.7675



37.3891, 41.6505, 49.7848



42.3395, 41.6505, 44.8389

Square

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



37.3891, 41.6505, 49.7848



41.1071, 41.6505, 52.0742



41.8705, 41.6505, 41.1873



38.1059, 41.6505, 39.2317

Rectangle

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



37.3891, 41.6505, 49.7848



39.2976, 41.6505, 53.4693



41.8705, 41.6505, 41.1873



39.8789, 41.6505, 38.0978

Sweetspot

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



37.3903, 41.6522, 49.7857



75.2549, 80.4145, 89.8498



35.9883, 42.3734, 38.4505



16.1342, 17.2897, 19.4091



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.3903, 41.6522, 49.7857



64.6094, 72.9085, 88.9621



34.9253, 36.7222, 48.9641



8.6333, 9.4129, 10.8682



13.7786, 18.3576, 32.9542



0.4626, 0.6357, 1.0466

Inverse Universe

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



38.5485, 36.1103, 46.5352



67.1124, 61.0778, 81.9041



39.4713, 41.3213, 36.4682



8.7949, 8.6247, 10.4182



17.1895, 8.3933, 21.9554



0.5555, 0.2700, 0.7680

Previews

White Background



This preview shows how the XYZ color 37.3891, 41.6505, 49.7848 looks on a white background.

Color Contrast Check

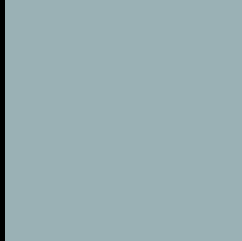
Large Text (above 18pt) WCAG AA × Fail

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 37.3891, 41.6505, 49.7848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

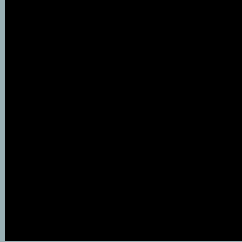
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3891, 41.6505, 49.7848

Background



This preview shows how black text looks on a background with the XYZ color 37.3891, 41.6505, 49.7848.



This preview shows how white text looks on a background with the XYZ color 37.3891, 41.6505,

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

37.3891, 41.6505, 49.7848

Protanopia

40.2440, 41.7181, 48.0508

Deuteranopia

42.1331, 41.2467, 50.5405



Tritanopia

38.5299, 41.8363, 54.7597

Trichromacy



Original Color

37.3891, 41.6505, 49.7848

Protanomaly

39.2091, 41.7423, 48.6383

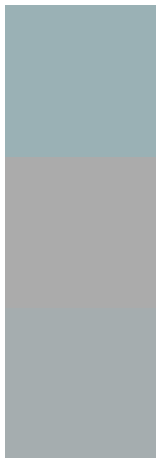
Deuteranomaly

40.2400, 41.3875, 50.1237

Tritanomaly

38.0125, 41.6071, 53.0412

Monochromacy



Original Color

37.3891, 41.6505, 49.7848

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.1985, 40.9816, 46.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3891, 41.6505, 49.7848 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, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 181)  
}
```

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, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 181) }
```

Border

The CSS property to change the border of an element to XYZ 37.3891, 41.6505, 49.7848 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, 177, 181) }
```


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

```
.border{ border-color:rgb(154, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3891, 41.6505, 49.7848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 181) }
```

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

```
.background{ background-color: rgb(154,  
177, 181) }
```

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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