

Converting Colors

XYZ(37.7876, 42.3065, 51.5239)

Have a look what the booklet for
XYZ(37.7876, 42.3065, 51.5239)
contains.

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Color

**XYZ(37.9087, 42.4732,
51.5475)**

Conversions

Conversions Part 1

Format	Color
Hex	99B3B8
RGB	153, 179, 184
RGB Percent	60%, 70%, 72%
CMY	0.4000, 0.2980, 0.2784
CMYK	0.17, 0.03, 0.00, 0.28
HSL	190°, 18%, 66%
HSV	190°, 17%, 72%
XYZ	37.9087, 42.4732, 51.5475
YIQ	171.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

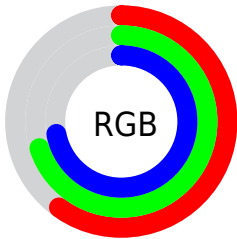
Format	Color
RYB	153, 167, 184
Decimal	10073016
CIELab	71.20, -7.80, -5.54
CIElCh	71, 9.564, 215.384
Yxy	42.4732, 0.2873, 0.3219
Android (android.graphics.Color)	4288263096 (0xFF99B3B8)
YUV	171.7960, 6.0166, -16.4841
Hunter-Lab	65.1715, -10.2208, -1.2755

Details

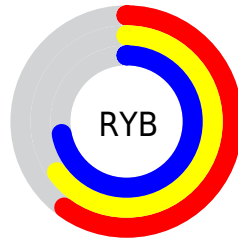
The XYZ color **37.9087, 42.4732, 51.5475** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7441, 36.9439, 35.2794**, and the grayscale version is **39.0873, 41.1229, 44.7828**.

A 20% lighter version of the original color is **71.4489, 79.1178, 93.9436**, and **16.9244, 19.3271, 24.3112** is the 20% darker color. If you saturate the color by 10%, you get **34.1123, 39.6441, 51.2022**, and if you desaturate by 10%, it is **42.2560, 45.6075, 51.9240**.

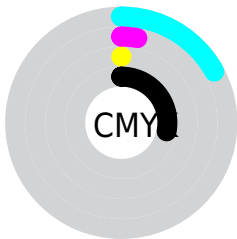
Distribution



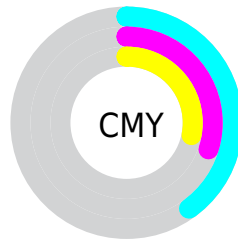
- Red (60%)
- Green (70%)
- Blue (72%)



- Red (60%)
- Yellow (65%)
- Blue (72%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9087, 42.4732, 51.5475 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 37.9087, 42.4732, 51.5475 by changing the saturation by 10% instead.

■ 37.9087, 42.4732,
51.5475

■ 37.9087, 42.4732,
51.5475

328.5158,
356.4408, 409.5943

■ 26.0887, 29.4720,
36.2648

■ 71.2730, 78.9153,
93.8833

■ 17.0231, 19.4382,
24.3474

■ 93.5480, 103.1250,
121.7735

■ 10.3463, 11.9873,
15.3770

120.0387,
131.8396, 154.7033

■ 5.6932, 6.7350,
8.9348

151.1106,
165.4436, 193.0911

■ 2.6983, 3.2970,
4.6025

187.1288,
204.3213, 237.3556

■ 0.9963, 1.2887,
1.9613

228.4589,

■ 0.0000, 0.1324,

248.8571, 287.9153

0.5313

275.4661,
299.4355, 345.1887

■ 0.0000, 0.0000,
0.0000

■ 37.9087, 42.4732,
51.5475

■ 37.9087, 42.4732,
51.5475

■ 34.1123, 39.6441,
51.2022

■ 42.2560, 45.6075,
51.9240

■ 30.8384, 37.1021,
50.8841

■ 47.1733, 49.0537,
52.3300

■ 28.0619, 34.8352,
50.5929

■ 52.6836, 52.8248,
52.7675

■ 25.7539, 32.8286,
50.3272

■ 58.8073, 56.9315,
53.2374

■ 23.8828, 31.0656,
50.0855

■ 65.5640, 61.3839,
53.7407

■ 22.4124, 29.5276,
49.8662

■ 69.8130, 64.5631,
54.1304

■ 21.3012, 28.1931,
49.6672

■ 70.4923, 65.9217,
54.3569

■ 20.4914, 27.0321,
49.4857

■ 71.1850, 67.3070,
54.5877

■ 20.2634, 26.6839,
49.4305

■ 71.8910, 68.7191,
54.8231

Harmonies

Analogous

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



37.3784, 42.4732, 47.0792



37.9087, 42.4732, 51.5475



39.0994, 42.4732, 54.7431

Triad

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



37.9087, 42.4732, 51.5475



43.2366, 42.4732, 50.0207



40.0810, 42.4732, 38.0037

Complementary

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



37.9087, 42.4732, 51.5475



37.7441, 36.9439, 35.2794

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.



41.6668, 42.4732, 38.6772



37.9087, 42.4732, 51.5475



43.5161, 42.4732, 45.4228

Square

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



37.9087, 42.4732, 51.5475



42.1805, 42.4732, 53.8216



42.9346, 42.4732, 41.3212



38.6111, 42.4732, 39.4171

Rectangle

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



37.9087, 42.4732, 51.5475



40.1220, 42.4732, 55.6132



42.9346, 42.4732, 41.3212



40.6180, 42.4732, 37.9947

Sweetspot

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



37.9099, 42.4750, 51.5485



78.0952, 83.7349, 94.2510



36.4196, 43.5106, 38.6697



16.7074, 17.9607, 20.3078



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.



37.9099, 42.4750, 51.5485



66.2098, 75.1459, 93.2196



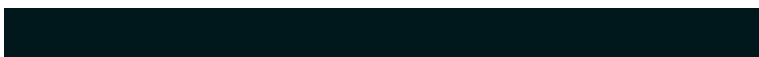
35.0380, 36.7311, 50.5911



9.1401, 9.9574, 11.5197



14.0085, 18.4767, 34.0811



0.5272, 0.7181, 1.2126

Inverse Universe

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



39.2961, 36.2284, 47.5715



69.1919, 61.8913, 84.6222



40.4900, 42.4357, 36.1947



9.3171, 9.1372, 11.0170



17.6845, 8.6476, 22.0234



0.6403, 0.3116, 0.8650

Previews

White Background



This preview shows how the XYZ color 37.9087, 42.4732, 51.5475 looks on a white background.

Color Contrast Check

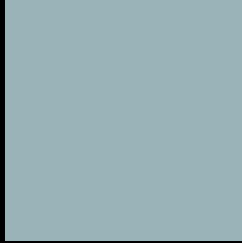
Large Text (above 18pt) WCAG AA × Fail

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 37.9087, 42.4732, 51.5475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

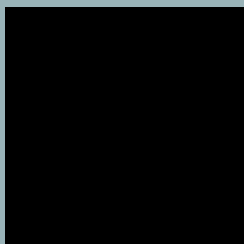
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

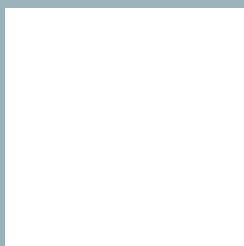
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9087, 42.4732, 51.5475

Background



This preview shows how black text looks on a background with the XYZ color 37.9087, 42.4732, 51.5475.



This preview shows how white text looks on a background with the XYZ color 37.9087, 42.4732,

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

37.9087, 42.4732, 51.5475

Protanopia

40.8610, 42.2964, 49.1904

Deuteranopia

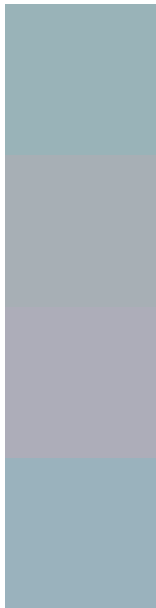
43.0585, 42.2354, 52.3372



Tritanopia

38.7612, 42.5166, 56.0328

Trichromacy



Original Color

37.9087, 42.4732, 51.5475

Protanomaly

39.6068, 42.2116, 49.7762

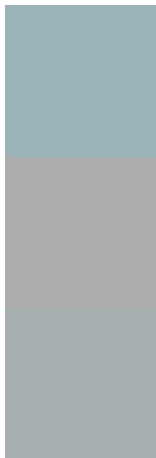
Deuteranomaly

40.9341, 42.2742, 51.9012

Tritanomaly

38.4321, 42.3849, 54.2996

Monochromacy



Original Color

37.9087, 42.4732, 51.5475

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6835, 41.7939, 47.1025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9087, 42.4732, 51.5475 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(153, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(153, 179, 184)  
}
```

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(153, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 37.9087, 42.4732, 51.5475 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(153, 179, 184) }
```


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

```
.border{ border-color:rgb(153, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(153, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9087, 42.4732, 51.5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 179, 184) }
```

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

```
.background{ background-color: rgb(153,  
179, 184) }
```

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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