

Converting Colors

XYZ(37.0409, 41.9665, 49.4385)

Have a look what the booklet for
XYZ(37.0409, 41.9665, 49.4385)
contains.

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Color

**XYZ(37.1208, 42.1148,
49.3525)**

Conversions

Conversions Part 1

Format	Color
Hex	97B3B4
RGB	151, 179, 180
RGB Percent	59%, 70%, 71%
CMY	0.4078, 0.2980, 0.2941
CMYK	0.16, 0.01, 0.00, 0.29
HSL	182°, 16%, 65%
HSV	182°, 16%, 71%
XYZ	37.1208, 42.1148, 49.3525
YIQ	170.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

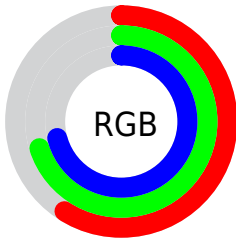
Format	Color
RYB	151, 165, 180
Decimal	9941940
CIELab	70.95, -9.31, -3.72
CIELCh	71, 10.020, 201.778
Yxy	42.1148, 0.2887, 0.3275
Android (android.graphics.Color)	4288132020 (0xFF97B3B4)
YUV	170.7420, 4.5642, -17.3137
Hunter-Lab	64.8959, -11.4649, 0.3379

Details

The XYZ color **37.1208, 42.1148, 49.3525** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6368, 34.3940, 34.0393**, and the grayscale version is **38.5642, 40.5725, 44.1835**.

A 20% lighter version of the original color is **70.3023, 78.5946, 90.8218**, and **16.5471, 19.1633, 22.9054** is the 20% darker color. If you saturate the color by 10%, you get **33.9085, 40.2761, 49.1676**, and if you desaturate by 10%, it is **40.8461, 44.2210, 49.5634**.

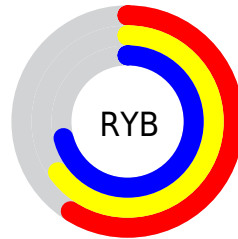
Distribution



Red (59%)

Green (70%)

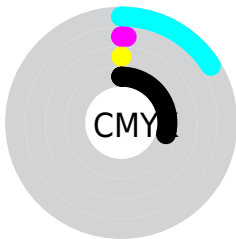
Blue (71%)



Red (59%)

Yellow (65%)

Blue (71%)

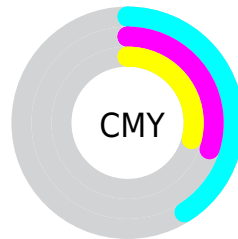


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1208, 42.1148, 49.3525 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 37.1208, 42.1148, 49.3525 by changing the saturation by 10% instead.

■ 37.1208, 42.1148,
49.3525

■ 37.1208, 42.1148,
49.3525

325.1797,
354.9586, 400.7907

■ 25.4751, 29.1912,
34.5316

■ 70.0712, 78.3733,
90.6012

■ 16.5620, 19.2255,
23.0216

■ 92.1066, 102.4771,
117.8660

■ 10.0161, 11.8333,
14.4040

118.3359,
131.0763, 150.1160

■ 5.4720, 6.6303,
8.2603

149.1246,
164.5554, 187.7695

■ 2.5643, 3.2320,
4.1718

184.8380,
203.2988, 231.2452

■ 0.9278, 1.2540,
1.7200

225.8414,

■ 0.0000, 0.1052,

247.6909, 280.9616

0.3744

272.5002,
298.1160, 337.3373

■ 0.0000, 0.0000,
0.0000

■ 37.1208, 42.1148,
49.3525

■ 37.1208, 42.1148,
49.3525

■ 33.9085, 40.2761,
49.1676

■ 40.8461, 44.2210,
49.5634

■ 31.1826, 38.6879,
49.0047

■ 45.1025, 46.6007,
49.7984

■ 28.9194, 37.3390,
48.8636

■ 49.9114, 49.2661,
50.0594

■ 27.0919, 36.2156,
48.7431

■ 55.2921, 52.2270,
50.3473

■ 25.6703, 35.3022,
48.6417

■ 61.2630, 55.4931,
50.6630

■ 24.6210, 34.5816,
48.5579

■ 66.3538, 58.3062,
50.9377

■ 23.9051, 34.0337,
48.4899

■ 66.4815, 58.5617,
50.9803

■ 23.4719, 33.6324,
48.4353

■ 66.6098, 58.8183,
51.0230

■ 23.3378, 33.4942,
48.4157

■ 66.7387, 59.0760,
51.0660

Harmonies

Analogous

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



36.9346, 42.1148, 44.5534



37.1208, 42.1148, 49.3525



38.0751, 42.1148, 53.4655

Triad

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



37.1208, 42.1148, 49.3525



42.6045, 42.1148, 51.7834



40.4898, 42.1148, 37.3442

Complementary

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



37.1208, 42.1148, 49.3525



35.6368, 34.3940, 34.0393

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.



42.0483, 42.1148, 39.0049



37.1208, 42.1148, 49.3525



43.2913, 42.1148, 47.1835

Square

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



37.1208, 42.1148, 49.3525



41.2319, 42.1148, 54.9355



43.0850, 42.1148, 42.5284



38.8495, 42.1148, 37.8362

Rectangle

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



37.1208, 42.1148, 49.3525



39.0332, 42.1148, 55.1559



43.0850, 42.1148, 42.5284



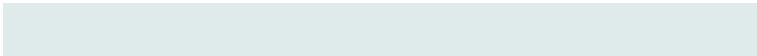
41.0412, 42.1148, 37.6648

Sweetspot

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



37.1220, 42.1165, 49.3534



74.8078, 80.6000, 89.9092



34.7492, 41.4884, 35.8687



16.0597, 17.3593, 19.4265



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.



37.1220, 42.1165, 49.3534



65.3372, 75.2413, 89.3740



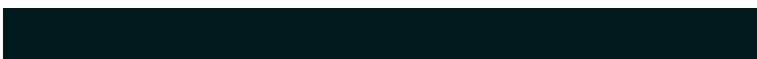
34.3725, 36.6176, 48.4369



8.7171, 9.5804, 10.8961



16.2986, 23.3975, 33.7941



0.5205, 0.7516, 1.0659

Inverse Universe

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



38.0266, 35.0920, 47.4191



67.2657, 60.3194, 85.2384



38.1302, 39.3808, 34.8704



8.8372, 8.6416, 10.6409



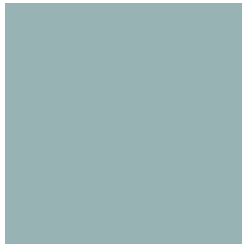
18.4614, 8.9021, 28.6535



0.5848, 0.2817, 0.9221

Previews

White Background



This preview shows how the XYZ color 37.1208, 42.1148, 49.3525 looks on a white background.

Color Contrast Check

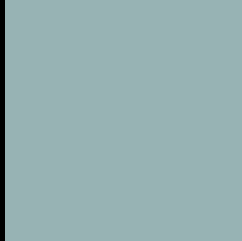
Large Text (above 18pt) WCAG AA × Fail

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 37.1208, 42.1148, 49.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

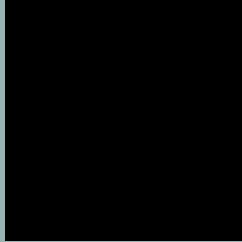
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1208, 42.1148, 49.3525

Background



This preview shows how black text looks on a background with the XYZ color 37.1208, 42.1148, 49.3525.

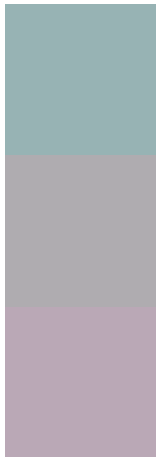


This preview shows how white text looks on a background with the XYZ color 37.1208, 42.1148,

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

37.1208, 42.1148, 49.3525

Protanopia

40.2682, 41.7536, 47.0112

Deuteranopia

42.6958, 41.8218, 50.0781



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

37.1208, 42.1148, 49.3525

Protanomaly

38.9917, 41.9413, 47.6354

Deuteranomaly

40.3266, 41.7255, 49.6444

Tritanomaly

37.8389, 42.1040, 53.1463

Monochromacy



Original Color

37.1208, 42.1148, 49.3525

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0859, 41.2206, 45.9934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1208, 42.1148, 49.3525 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(151, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 180)  
}
```

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(151, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 180) }
```

Border

The CSS property to change the border of an element to XYZ 37.1208, 42.1148, 49.3525 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(151, 179, 180) }
```


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

```
.border{ border-color:rgb(151, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1208, 42.1148, 49.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 180) }
```

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

```
.background{ background-color: rgb(151,  
179, 180) }
```

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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