

Converting Colors

XYZ(40.8880, 55.3737, 38.2389)

Have a look what the booklet for
XYZ(40.8880, 55.3737, 38.2389)
contains.

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Color

**XYZ(40.8880, 55.3737,
38.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	91D498
RGB	145, 212, 152
RGB Percent	57%, 83%, 60%
CMY	0.4314, 0.1686, 0.4039
CMYK	0.32, 0.00, 0.28, 0.17
HSL	126°, 44%, 70%
HSV	126°, 32%, 83%
XYZ	40.8880, 55.3737, 38.2389
YIQ	185.1270, -20.6720, -32.8640

Conversions

Conversions Part 2

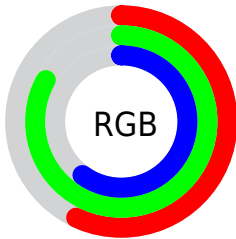
Format	Color
RYB	145, 206, 212
Decimal	9557144
CIELab	79.26, -33.14, 23.13
CIELCh	79, 40.412, 145.088
Yxy	55.3737, 0.3040, 0.4117
Android (android.graphics.Color)	4287747224 (0xFF91D498)
YUV	185.1270, -16.3316, -35.1914
Hunter-Lab	74.4135, -32.1432, 21.6221

Details

The XYZ color **40.8880, 55.3737, 38.2389** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.2980, 38.6567, 62.6757**, and the grayscale version is **46.2822, 48.6925, 53.0261**.

A 20% lighter version of the original color is **71.1099, 88.4425, 72.3547**, and **18.8196, 27.3288, 16.5950** is the 20% darker color. If you saturate the color by 10%, you get **36.0627, 53.0533, 30.5359**, and if you desaturate by 10%, it is **46.6622, 58.1577, 47.2879**.

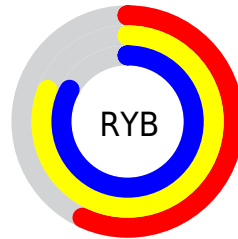
Distribution



Red (57%)

Green (83%)

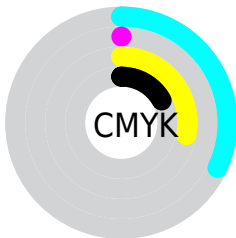
Blue (60%)



Red (57%)

Yellow (81%)

Blue (83%)

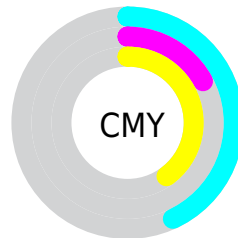


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (17%)



Cyan (43%)

Magenta (17%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8880, 55.3737, 38.2389 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 40.8880, 55.3737, 38.2389 by changing the saturation by 10% instead.

■ 40.8880, 55.3737,
38.2389

■ 40.8880, 55.3737,
38.2389

340.9229,
407.3269, 353.9725

■ 28.4189, 39.7010,
25.8649

■ 75.7896, 98.0883,
73.6816

■ 18.7837, 27.3055,
16.4977

■ 98.9528, 125.8989,
97.5875

■ 11.6172, 17.8028,
9.7189

126.4114,
158.5244, 126.1743

■ 6.5539, 10.8085,
5.1098

158.5308,
196.3490, 159.8607

■ 3.2285, 5.9382,
2.2520

195.6763,
239.7571, 199.0651

■ 1.2757, 2.8075,
0.7041

238.2132,

■ 0.1650, 1.0321,

289.1332, 244.2063

0.0000

286.5069,
344.8617, 295.7025

■ 0.0000, 0.0000,
0.0000

■ 40.8880, 55.3737,
38.2389

■ 40.8880, 55.3737,
38.2389

■ 36.0627, 53.0533,
30.5359

■ 46.6622, 58.1577,
47.2879

■ 32.1314, 51.1647,
24.1112

■ 53.4278, 61.4212,
57.7390

■ 29.0399, 49.6832,
18.8967

■ 61.2301, 65.1879,
69.6495

■ 26.7267, 48.5787,
14.8165

■ 70.1101, 69.4778,
83.0727

■ 25.1216, 47.8166,
11.7863

■ 80.1068, 74.3099,
98.0588

■ 24.1416, 47.3563,
9.7097

■ 82.8346, 75.5691,
104.8282

■ 23.6909, 47.1477,
8.6185

Harmonies

Analogous

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



46.3127, 55.3737, 28.2994



40.8880, 55.3737, 38.2389



38.6161, 55.3737, 56.5614

Triad

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



40.8880, 55.3737, 38.2389



51.3116, 55.3737, 116.3967



67.9976, 55.3737, 43.3213

Complementary

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



40.8880, 55.3737, 38.2389



48.2980, 38.6567, 62.6757

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.



69.6828, 55.3737, 64.1843



40.8880, 55.3737, 38.2389



59.4993, 55.3737, 110.2513

Square

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



40.8880, 55.3737, 38.2389



44.2284, 55.3737, 104.6502



66.4313, 55.3737, 89.5206



62.0357, 55.3737, 30.6640

Rectangle

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



40.8880, 55.3737, 38.2389



39.0068, 55.3737, 72.6360



66.4313, 55.3737, 89.5206



69.1072, 55.3737, 49.4333

Sweetspot

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



40.8894, 55.3760, 38.2401



83.9707, 94.6505, 92.0234



53.9163, 62.1559, 35.9441



17.6165, 20.0870, 19.1504



0.0000, 0.0000, 0.0000



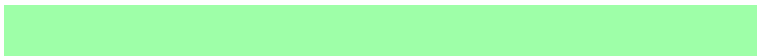
20.3446, 21.4041, 23.3091

Same Dimension

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



40.8894, 55.3760, 38.2401



56.9691, 81.6348, 49.9102



44.0002, 56.6203, 54.6211



12.3146, 13.9169, 13.4713



14.6426, 29.1124, 5.4134



0.9015, 1.7632, 0.4229

Inverse Universe

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



48.2980, 38.6567, 62.6757



69.9463, 52.3328, 92.7010



44.7056, 37.2198, 43.7581



12.8945, 12.6093, 15.3847



22.5116, 10.9409, 31.0616



1.3742, 0.6665, 1.9601

Previews

White Background



This preview shows how the XYZ color 40.8880, 55.3737, 38.2389 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 40.8880, 55.3737, 38.2389 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 40.8880, 55.3737, 38.2389

Background



This preview shows how black text looks on a background with the XYZ color 40.8880, 55.3737, 38.2389.



This preview shows how white text looks on a background with the XYZ color 40.8880, 55.3737,

38.2389.

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

40.8880, 55.3737, 38.2389

Protanopia

51.1275, 54.7455, 34.2578

Deuteranopia

55.7476, 54.7317, 39.5243



Tritanopia

48.3748, 55.1483, 75.8052

Trichromacy



Original Color

40.8880, 55.3737, 38.2389

Protanomaly

46.4028, 54.3190, 35.6427

Deuteranomaly

48.9086, 54.1694, 38.8883

Tritanomaly

45.0585, 54.8550, 59.8430

Monochromacy



Original Color

40.8880, 55.3737, 38.2389

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

43.6355, 50.5934, 47.0008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8880, 55.3737, 38.2389 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(145, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 152)  
}
```

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(145, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 152) }
```

Border

The CSS property to change the border of an element to XYZ 40.8880, 55.3737, 38.2389 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(145, 212, 152) }
```


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

```
.border{ border-color:rgb(145, 212, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8880, 55.3737, 38.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 152) }
```

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

```
.background{ background-color: rgb(145,  
212, 152) }
```

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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