

Converting Colors

XYZ(37.9305, 41.9431, 55.8282)

Have a look what the booklet for
XYZ(37.9305, 41.9431, 55.8282)
contains.

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Color

**XYZ(38.0125, 42.1306,
55.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	96B2C0
RGB	150, 178, 192
RGB Percent	59%, 70%, 75%
CMY	0.4118, 0.3019, 0.2471
CMYK	0.22, 0.07, 0.00, 0.25
HSL	200°, 25%, 67%
HSV	200°, 22%, 75%
XYZ	38.0125, 42.1306, 55.9977
YIQ	171.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

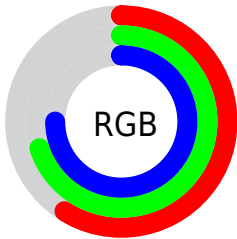
Format	Color
R_{YB}	150, 167, 192
Decimal	9876160
CIE Lab	70.96, -6.45, -10.31
CIE LCh	71, 12.157, 237.965
Yxy	42.1306, 0.2792, 0.3095
Android (android.graphics.Color)	4288066240 (0xFF96B2C0)
YUV	171.2240, 10.2426, -18.6134
Hunter-Lab	64.9081, -9.0532, -5.7152

Details

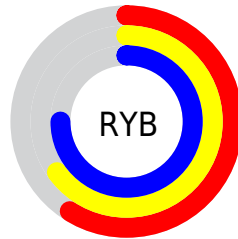
The XYZ color **38.0125, 42.1306, 55.9977** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5191, 39.9595, 34.4324**, and the grayscale version is **38.7800, 40.7996, 44.4307**.

A 20% lighter version of the original color is **71.5429, 78.6021, 100.2079**, and **17.0308, 19.1280, 27.2205** is the 20% darker color. If you saturate the color by 10%, you get **33.5214, 37.9701, 55.4320**, and if you desaturate by 10%, it is **43.1444, 46.7118, 56.6122**.

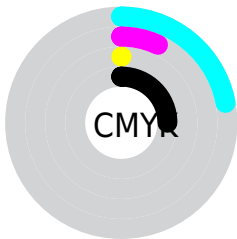
Distribution



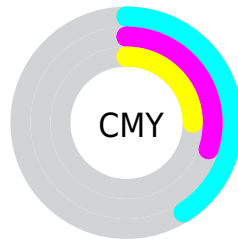
- Red (59%)
- Green (70%)
- Blue (75%)



- Red (59%)
- Yellow (65%)
- Blue (75%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0125, 42.1306, 55.9977 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 38.0125, 42.1306, 55.9977 by changing the saturation by 10% instead.

■ 38.0125, 42.1306,
55.9977

■ 38.0125, 42.1306,
55.9977

328.9535,
355.0240, 427.0709

■ 26.1696, 29.2036,
39.7971

■ 71.4311, 78.3972,
100.4870

■ 17.0839, 19.2349,
27.0678

■ 93.7375, 102.5056,
129.6127

■ 10.3900, 11.8401,
17.3913

120.2625,
131.1100, 163.8839

■ 5.7226, 6.6349,
10.3489

151.3714,
164.5946, 203.7192

■ 2.7162, 3.2348,
5.5223

187.4296,
203.3439, 249.5369

■ 1.0055, 1.2555,
2.4928

228.8025,

■ 0.0000, 0.1064,

247.7423, 301.7558

0.8363

275.8553,
298.1742, 360.7943

■ 0.0000, 0.0000,
0.0000

■ 38.0125, 42.1306,
55.9977

■ 38.0125, 42.1306,
55.9977

■ 33.5214, 37.9701,
55.4320

■ 43.1444, 46.7118,
56.6122

■ 29.6384, 34.2090,
54.9107

■ 48.9405, 51.7236,
57.2741

■ 26.3333, 30.8317,
54.4330

■ 55.4272, 57.1819,
57.9857

■ 23.5720, 27.8192,
53.9971

■ 62.6288, 63.1004,
58.7485

■ 21.3162, 25.1505,
53.6009

■ 70.5679, 69.4918,
59.5638

■ 19.5221, 22.8019,
53.2421

■ 75.4125, 74.3817,
60.2523

■ 18.1379, 20.7452,
52.9181

■ 77.0880, 77.7327,
60.8108

■ 17.2351, 19.2470,
52.6765

■ 78.8281, 81.2130,
61.3908

■ 80.6335, 84.8238,
61.9926

Harmonies

Analogous

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



36.7002, 42.1306, 51.3073



38.0125, 42.1306, 55.9977



39.9057, 42.1306, 57.9528

Triad

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



38.0125, 42.1306, 55.9977



44.0653, 42.1306, 46.2704



38.2444, 42.1306, 36.7063

Complementary

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



38.0125, 42.1306, 55.9977



40.5191, 39.9595, 34.4324

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.



40.1824, 42.1306, 35.6006



38.0125, 42.1306, 55.9977



43.5847, 42.1306, 40.8368

Square

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



38.0125, 42.1306, 55.9977



43.4385, 42.1306, 52.0502



42.1464, 42.1306, 37.0489



36.8309, 42.1306, 40.2050

Rectangle

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



38.0125, 42.1306, 55.9977



41.2577, 42.1306, 57.3275



42.1464, 42.1306, 37.0489



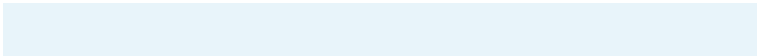
38.8541, 42.1306, 36.0561

Sweetspot

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



38.0138, 42.1323, 55.9987



83.0224, 88.8633, 103.1369



38.0659, 46.8392, 41.8269



17.6754, 18.9467, 22.1108



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.0138, 42.1323, 55.9987



65.0403, 72.8229, 100.9885



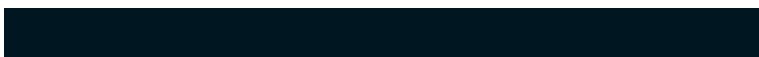
34.2687, 34.6422, 54.7503



10.0766, 10.8445, 12.8469



11.6712, 13.0989, 35.4698



0.5655, 0.6884, 1.5529

Inverse Universe

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



40.6815, 36.2345, 46.9712



70.7597, 60.5876, 81.5427



44.4469, 47.8150, 35.7417



10.3500, 10.1886, 11.9334



17.2871, 8.6046, 14.6896



0.7778, 0.3841, 0.7974

Previews

White Background



This preview shows how the XYZ color 38.0125, 42.1306, 55.9977 looks on a white background.

Color Contrast Check

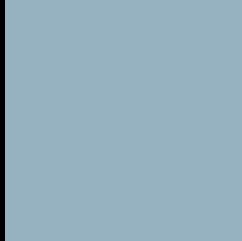
Large Text (above 18pt) WCAG AA × Fail

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 38.0125, 42.1306, 55.9977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

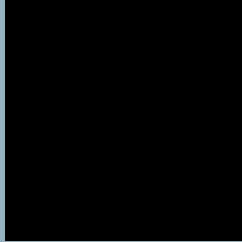
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0125, 42.1306, 55.9977

Background



This preview shows how black text looks on a background with the XYZ color 38.0125, 42.1306, 55.9977.



This preview shows how white text looks on a background with the XYZ color 38.0125, 42.1306,

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

38.0125, 42.1306, 55.9977

Protanopia

40.8429, 41.9065, 53.5131

Deuteranopia

42.9816, 42.0947, 56.8987



Tritanopia

38.0125, 42.1306, 55.9977

Trichromacy



Original Color

38.0125, 42.1306, 55.9977

Protanomaly

39.6312, 41.8387, 54.1310

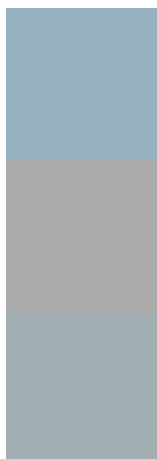
Deuteranomaly

40.9557, 41.9014, 56.3812

Tritanomaly

38.0125, 42.1306, 55.9977

Monochromacy



Original Color

38.0125, 42.1306, 55.9977

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3770, 41.3133, 48.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0125, 42.1306, 55.9977 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(150, 178, 192) looks like.

```
.text, #text, p{  
    color:rgb(150, 178, 192)  
}
```

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(150, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 178, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.0125, 42.1306, 55.9977 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(150, 178, 192) }
```


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

```
.border{ border-color:rgb(150, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(150, 178,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0125, 42.1306, 55.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 178, 192) }
```

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

```
.background{ background-color: rgb(150,  
178, 192) }
```

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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