

Converting Colors

XYZ(38.1135, 42.3412, 55.5992)

Have a look what the booklet for
XYZ(38.1135, 42.3412, 55.5992)
contains.

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Color

**XYZ(38.1017, 42.4858,
55.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	96B3BF
RGB	150, 179, 191
RGB Percent	59%, 70%, 75%
CMY	0.4118, 0.2980, 0.2510
CMYK	0.21, 0.06, 0.00, 0.25
HSL	198°, 24%, 67%
HSV	198°, 21%, 75%
XYZ	38.1017, 42.4858, 55.4826
YIQ	171.6970, -21.1360, -2.4160

Conversions

Conversions Part 2

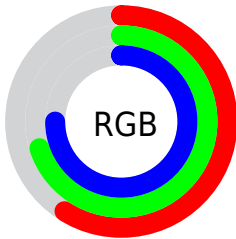
Format	Color
R_{YB}	150, 167, 191
Decimal	9876415
CIE _{Lab}	71.20, -7.21, -9.39
CIE _{LCh}	71, 11.842, 232.486
Yxy	42.4858, 0.2800, 0.3122
Android (android.graphics.Color)	4288066495 (0xFF96B3BF)
YUV	171.6970, 9.5164, -19.0283
Hunter-Lab	65.1811, -9.7246, -4.8412

Details

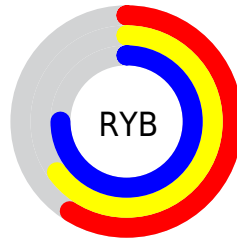
The XYZ color **38.1017, 42.4858, 55.4826** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9115, 39.1190, 34.3021**, and the grayscale version is **39.0217, 41.0538, 44.7076**.

A 20% lighter version of the original color is **71.6737, 79.1112, 99.4881**, and **17.0853, 19.3534, 26.8798** is the 20% darker color. If you saturate the color by 10%, you get **33.7721, 38.6255, 54.9664**, and if you desaturate by 10%, it is **43.0521, 46.7358, 56.0427**.

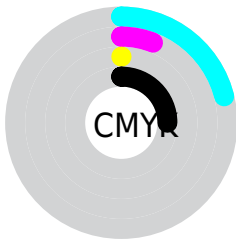
Distribution



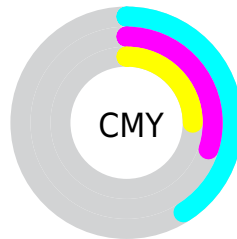
- Red (59%)
- Green (70%)
- Blue (75%)



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



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1017, 42.4858, 55.4826 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 38.1017, 42.4858, 55.4826 by changing the saturation by 10% instead.

■ 38.1017, 42.4858,
55.4826

■ 38.1017, 42.4858,
55.4826

329.3294,
356.4928, 425.0721

■ 26.2392, 29.4819,
39.3870

■ 71.5669, 78.9343,
99.7259

■ 17.1363, 19.4457,
26.7508

■ 93.9003, 103.1477,
128.7107

■ 10.4276, 11.9927,
17.1554

120.4547,
131.8664, 162.8291

■ 5.7478, 6.7387,
10.1822

151.5955,
165.4748, 202.4994

■ 2.7315, 3.2992,
5.4128

187.6880,
204.3572, 248.1404

■ 1.0134, 1.2899,
2.4285

229.0975,

■ 0.0000, 0.1334,

248.8981, 300.1704

0.8019

276.1896,
299.4818, 359.0082

■ 0.0000, 0.0000,
0.0000

■ 38.1017, 42.4858,
55.4826

■ 38.1017, 42.4858,
55.4826

■ 33.7721, 38.6255,
54.9664

■ 43.0521, 46.7358,
56.0427

■ 30.0314, 35.1342,
54.4896

■ 48.6459, 51.3845,
56.6452

■ 26.8501, 31.9972,
54.0518

■ 54.9091, 56.4474,
57.2923

■ 24.1949, 29.1964,
53.6511

■ 61.8652, 61.9371,
57.9853

■ 22.0284, 26.7117,
53.2857

■ 69.5365, 67.8659,
58.7253

■ 20.3081, 24.5203,
52.9534

■ 74.3225, 72.3785,
59.3441

■ 18.9834, 22.5954,
52.6517

■ 75.7487, 75.2309,
59.8195

■ 18.0833, 21.1201,
52.4144

■ 77.2238, 78.1811,
60.3112

■ 78.7483, 81.2300,
60.8194

Harmonies

Analogous

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



36.9568, 42.4858, 50.5673



38.1017, 42.4858, 55.4826



39.8845, 42.4858, 57.9643

Triad

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



38.1017, 42.4858, 55.4826



44.2846, 42.4858, 47.7039



38.9393, 42.4858, 36.8777

Complementary

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



38.1017, 42.4858, 55.4826



39.9115, 39.1190, 34.3021

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.



40.8826, 42.4858, 36.2476



38.1017, 42.4858, 55.4826



44.0115, 42.4858, 42.2041

Square

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



38.1017, 42.4858, 55.4826



43.4850, 42.4858, 53.2401



42.7504, 42.4858, 38.1203



37.4292, 42.4858, 39.9179

Rectangle

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



38.1017, 42.4858, 55.4826



41.2122, 42.4858, 57.7731



42.7504, 42.4858, 38.1203



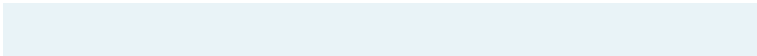
39.5620, 42.4858, 36.3877

Sweetspot

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



38.1030, 42.4875, 55.4836



82.3395, 88.0836, 100.9412



37.6968, 46.3414, 40.9628



17.9356, 19.2215, 22.1501



92.9021, 97.7402, 106.4391



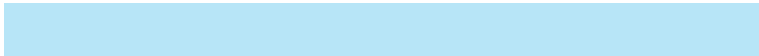
19.4759, 20.4902, 22.3138

Same Dimension

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



38.1030, 42.4875, 55.4836



64.2700, 72.5885, 98.9027



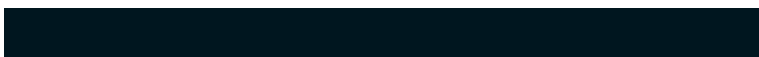
34.3605, 35.0026, 54.2361



9.5664, 10.3251, 12.1609



11.9562, 14.0242, 34.4697



0.5223, 0.6572, 1.3682

Inverse Universe

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



40.5299, 36.1446, 47.4902



69.5003, 59.3519, 81.5788



43.7434, 46.7828, 35.5794



9.8077, 9.6474, 11.3765



17.0357, 8.4454, 16.0136



0.6945, 0.3417, 0.7706

Previews

White Background



This preview shows how the XYZ color 38.1017, 42.4858, 55.4826 looks on a white background.

Color Contrast Check

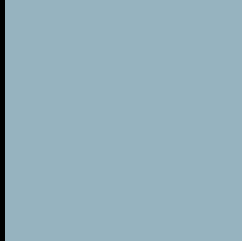
Large Text (above 18pt) WCAG AA × Fail

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 38.1017, 42.4858, 55.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

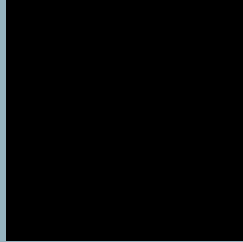
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1017, 42.4858, 55.4826

Background



This preview shows how black text looks on a background with the XYZ color 38.1017, 42.4858, 55.4826.

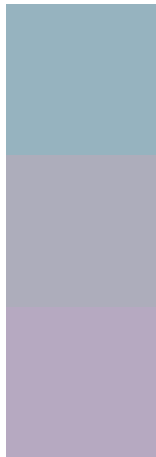


This preview shows how white text looks on a background with the XYZ color 38.1017, 42.4858,

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

38.1017, 42.4858, 55.4826

Protanopia

41.1468, 42.3592, 53.0212

Deuteranopia

43.1050, 42.1713, 56.3201



Tritanopia

38.3234, 42.5745, 56.6499

Trichromacy



Original Color

38.1017, 42.4858, 55.4826

Protanomaly

39.9241, 42.2901, 53.6355

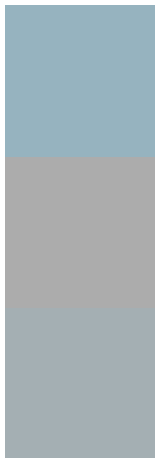
Deuteranomaly

41.0356, 42.2390, 55.8593

Tritanomaly

38.2122, 42.5300, 56.0643

Monochromacy



Original Color

38.1017, 42.4858, 55.4826

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7765, 41.8071, 48.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1017, 42.4858, 55.4826 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, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(150, 179, 191)  
}
```

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, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 179, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.1017, 42.4858, 55.4826 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, 179, 191) }
```


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

```
.border{ border-color:rgb(150, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(150, 179,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1017, 42.4858, 55.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 179, 191) }
```

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

```
.background{ background-color: rgb(150,  
179, 191) }
```

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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