

Converting Colors

XYZ(38.4229, 39.1555, 61.7817)

Have a look what the booklet for
XYZ(38.4229, 39.1555, 61.7817)
contains.

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Color

**XYZ(38.5028, 39.1173,
62.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA7CB
RGB	157, 167, 203
RGB Percent	62%, 65%, 80%
CMY	0.3843, 0.3451, 0.2039
CMYK	0.23, 0.18, 0.00, 0.20
HSL	227°, 31%, 71%
HSV	227°, 23%, 80%
XYZ	38.5028, 39.1173, 62.0210
YIQ	168.1140, -17.5160, 9.0760

Conversions

Conversions Part 2

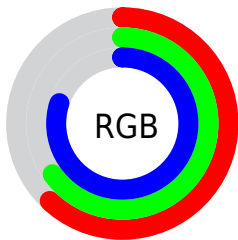
Format	Color
RYB	157, 165, 203
Decimal	10332107
CIELab	68.84, 4.29, -19.52
CIELCh	69, 19.985, 282.386
Yxy	39.1173, 0.2757, 0.2801
Android (android.graphics.Color)	4288522187 (0xFF9DA7CB)
YUV	168.1140, 17.1988, -9.7470
Hunter-Lab	62.5438, 0.4353, -15.0137

Details

The XYZ color **38.5028, 39.1173, 62.0210** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.7848, 53.2709, 39.5576**, and the grayscale version is **37.2007, 39.1381, 42.6214**.

A 20% lighter version of the original color is **71.3227, 73.4596, 105.0278**, and **17.3812, 17.4347, 30.8829** is the 20% darker color. If you saturate the color by 10%, you get **32.1328, 31.7760, 60.9404**, and if you desaturate by 10%, it is **45.8908, 47.5160, 63.2534**.

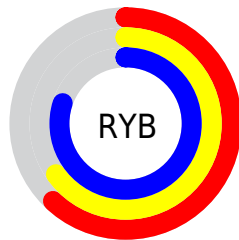
Distribution



Red (62%)

Green (65%)

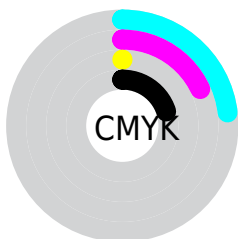
Blue (80%)



Red (62%)

Yellow (65%)

Blue (80%)

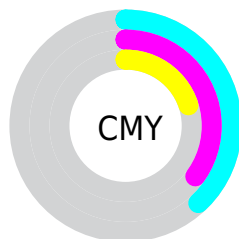


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5028, 39.1173, 62.0210 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 38.5028, 39.1173, 62.0210 by changing the saturation by 10% instead.

■ 38.5028, 39.1173,
62.0210

■ 38.5028, 39.1173,
62.0210

331.0156,
342.3889, 450.0175

■ 26.5521, 26.8510,
44.6138

■ 72.1771, 73.8175,
109.3278

■ 17.3720, 17.4613,
30.8126

■ 94.6314, 97.0201,
140.0644

■ 10.5970, 10.5640,
20.1989

121.3177,
124.6370, 176.0812

■ 5.8618, 5.7745,
12.3542

152.6013,
157.0526, 217.7968

■ 2.8011, 2.7084,
6.8599

188.8475,
194.6511, 265.6297

■ 1.0495, 0.9815,
3.2975

230.4217,

■ 0.0000, 0.0000,

237.8171, 319.9984

1.2485

277.6893,
286.9349, 381.3215

■ 0.0000, 0.0000,
0.0190

■ 0.0000, 0.0000,
0.0000

■ 38.5028, 39.1173,
62.0210

■ 38.5028, 39.1173,
62.0210

■ 32.1328, 31.7760,
60.9404

■ 45.8908, 47.5160,
63.2534

■ 26.7318, 25.4449,
60.0030

■ 54.3356, 57.0076,
64.6403

■ 22.2521, 20.0800,
59.2036

■ 63.8785, 67.6314,
66.1880

■ 18.6403, 15.6321,
58.5354

■ 74.5574, 79.4237,
67.9013

■ 15.8375, 12.0477,
57.9913

■ 85.1079, 91.7485,
69.7241

■ 13.7767, 9.2669,
57.5631

■ 87.7796, 97.0918,
70.6147

■ 12.3795, 7.2215,
57.2420

■ 11.6854, 6.1235,
57.0666

Harmonies

Analogous

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



35.3655, 39.1173, 61.4930



38.5028, 39.1173, 62.0210



41.4425, 39.1173, 56.8323

Triad

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



38.5028, 39.1173, 62.0210



41.8666, 39.1173, 31.8737



31.6670, 39.1173, 37.5246

Complementary

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



38.5028, 39.1173, 62.0210



49.7848, 53.2709, 39.5576

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.



33.2199, 39.1173, 30.9546



38.5028, 39.1173, 62.0210



39.0551, 39.1173, 28.0251

Square

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



38.5028, 39.1173, 62.0210



43.4574, 39.1173, 38.9559



35.8875, 39.1173, 27.7145



31.5379, 39.1173, 46.4478

Rectangle

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



38.5028, 39.1173, 62.0210



42.8472, 39.1173, 51.2075



35.8875, 39.1173, 27.7145



32.0356, 39.1173, 35.0016

Sweetspot

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



38.5040, 39.1189, 62.0219



84.4896, 88.1793, 107.1750



44.8054, 53.6983, 58.0283



17.8986, 18.6653, 22.9094



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.



38.5040, 39.1189, 62.0219



59.2507, 59.5070, 102.9709



39.2568, 36.8913, 61.5522



10.7962, 11.2329, 14.1695



7.4921, 4.0081, 36.3350



0.4442, 0.3221, 1.8937

Inverse Universe

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



43.6616, 39.6015, 41.9036



69.3872, 60.6637, 63.3844



48.8614, 56.1888, 40.1695



11.3105, 11.2529, 12.1698



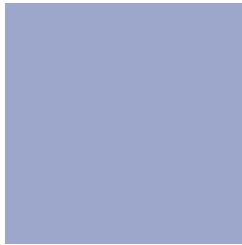
15.9925, 8.2076, 2.4135



0.8541, 0.4351, 0.2778

Previews

White Background



This preview shows how the XYZ color 38.5028, 39.1173, 62.0210 looks on a white background.

Color Contrast Check

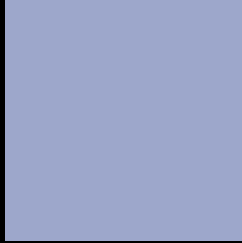
Large Text (above 18pt) WCAG AA × Fail

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 38.5028, 39.1173, 62.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

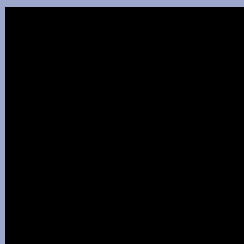
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5028, 39.1173, 62.0210

Background



This preview shows how black text looks on a background with the XYZ color 38.5028, 39.1173, 62.0210.



This preview shows how white text looks on a background with the XYZ color 38.5028, 39.1173,

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

38.5028, 39.1173, 62.0210

Protanopia

38.7941, 39.0103, 61.3622

Deuteranopia

39.9004, 39.0175, 62.5549



Tritanopia

36.1633, 38.9824, 50.9658

Trichromacy



Original Color

38.5028, 39.1173, 62.0210

Protanomaly

38.5950, 38.9076, 61.3529

Deuteranomaly

39.4585, 39.0564, 62.5857

Tritanomaly

36.9184, 39.0075, 54.8736

Monochromacy



Original Color

38.5028, 39.1173, 62.0210

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6530, 39.2340, 49.3045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5028, 39.1173, 62.0210 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(157, 167, 203)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 203)  
}
```

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(157, 167, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 203) }
```

Border

The CSS property to change the border of an element to XYZ 38.5028, 39.1173, 62.0210 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(157, 167, 203) }
```


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

```
.border{ border-color:rgb(157, 167, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 167, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 167, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 167, 203);  
box-shadow:4px 4px 4px 4px rgb(157, 167,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5028, 39.1173, 62.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 203) }
```

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

```
.background{ background-color: rgb(157,  
167, 203) }
```

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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