

Converting Colors

XYZ(38.1942, 40.6349, 52.3683)

Have a look what the booklet for
XYZ(38.1942, 40.6349, 52.3683)
contains.

XYZ(38.1127, 40.5238, 52.2675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.1127, 40.5238,
52.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	A0ACBA
RGB	160, 172, 186
RGB Percent	63%, 67%, 73%
CMY	0.3725, 0.3255, 0.2706
CMYK	0.14, 0.08, 0.00, 0.27
HSL	212°, 16%, 68%
HSV	212°, 14%, 73%
XYZ	38.1127, 40.5238, 52.2675
YIQ	170.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

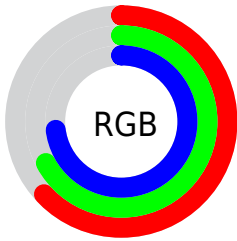
Format	Color
RYB	160, 168, 186
Decimal	10529978
CIELab	69.84, -1.30, -8.60
CIELCh	70, 8.694, 261.413
Yxy	40.5238, 0.2912, 0.3096
Android (android.graphics.Color)	4288720058 (0xFFA0ACBA)
YUV	170.0080, 7.8841, -8.7770
Hunter-Lab	63.6583, -4.5328, -4.1200

Details

The XYZ color **38.1127, 40.5238, 52.2675** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7313, 43.2493, 39.4071**, and the grayscale version is **38.1796, 40.1679, 43.7428**.

A 20% lighter version of the original color is **71.5204, 75.7960, 94.8650**, and **17.1345, 18.3145, 24.8223** is the 20% darker color. If you saturate the color by 10%, you get **32.8346, 35.0803, 51.4956**, and if you desaturate by 10%, it is **44.0932, 46.5447, 53.1151**.

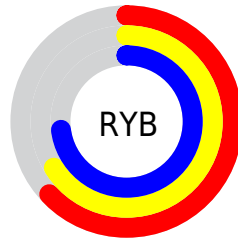
Distribution



Red (63%)

Green (67%)

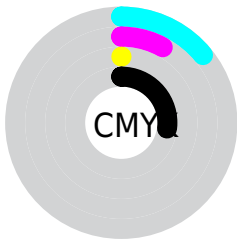
Blue (73%)



Red (63%)

Yellow (66%)

Blue (73%)

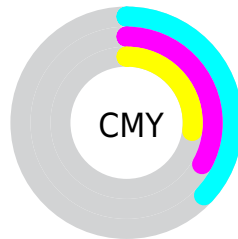


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1127, 40.5238, 52.2675 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 38.1127, 40.5238, 52.2675 by changing the saturation by 10% instead.

■ 38.1127, 40.5238,
52.2675

■ 38.1127, 40.5238,
52.2675

329.3757,
348.3264, 412.4547

■ 26.2478, 27.9472,
36.8346

■ 71.5836, 75.9605,
94.9562

■ 17.1428, 18.2858,
24.7847

■ 93.9204, 99.5893,
123.0492

■ 10.4323, 11.1554,
15.6992

120.4784,
127.6710, 156.1992

■ 5.7509, 6.1715,
9.1595

151.6231,
160.5900, 194.8248

■ 2.7334, 2.9496,
4.7471

187.7198,
198.7306, 239.3447

■ 1.0144, 1.1055,
2.0435

229.1339,

■ 0.0000, 0.0000,

242.4773, 290.1773

0.5819

276.2308,
292.2144, 347.7411

■ 0.0000, 0.0000,
0.0000

■ 38.1127, 40.5238,
52.2675

■ 38.1127, 40.5238,
52.2675

■ 32.8346, 35.0803,
51.4956

■ 44.0932, 46.5447,
53.1151

■ 28.2274, 30.1902,
50.7946

■ 50.7986, 53.1560,
54.0378

■ 24.2627, 25.8350,
50.1629

■ 58.2548, 60.3765,
55.0385

■ 20.9084, 21.9932,
49.5981

■ 66.4854, 68.2226,
56.1191

■ 18.1293, 18.6414,
49.0977

■ 75.5128, 76.7100,
57.2816

■ 15.8863, 15.7541,
48.6586

■ 78.9843, 82.5677,
58.2293

■ 14.1348, 13.3026,
48.2777

■ 81.8854, 88.3698,
59.1963

■ 12.8215, 11.2534,
47.9514

■ 84.9497, 94.4985,
60.2177

■ 12.1798, 10.1787,
47.7778

■ 85.8630, 96.3252,
60.5222

Harmonies

Analogous

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



36.8479, 40.5238, 50.4850



38.1127, 40.5238, 52.2675



39.5165, 40.5238, 51.7658

Triad

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



38.1127, 40.5238, 52.2675



41.1000, 40.5238, 41.3450



36.4331, 40.5238, 39.4493

Complementary

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



38.1127, 40.5238, 52.2675



41.7313, 43.2493, 39.4071

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.



37.5339, 40.5238, 37.2731



38.1127, 40.5238, 52.2675



40.2350, 40.5238, 38.3202

Square

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



38.1127, 40.5238, 52.2675



41.2642, 40.5238, 45.2947



38.9235, 40.5238, 36.8728



35.8939, 40.5238, 42.9727

Rectangle

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



38.1127, 40.5238, 52.2675



40.3407, 40.5238, 50.2158



38.9235, 40.5238, 36.8728



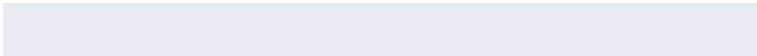
36.7484, 40.5238, 38.5451

Sweetspot

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



38.1139, 40.5255, 52.2684



79.8192, 84.2630, 96.2589



39.6839, 45.6430, 46.6955



17.3868, 18.3660, 21.1712



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.1139, 40.5255, 52.2684



65.7839, 70.0801, 94.2610



36.1057, 36.2510, 51.5492



8.8536, 9.3843, 11.4242



8.2675, 6.9946, 32.1674



0.3535, 0.3706, 1.1547

Inverse Universe

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



40.2679, 38.5603, 44.3521



70.5348, 65.8977, 76.7664



43.9445, 47.9875, 40.2050



9.1724, 9.0793, 10.2554



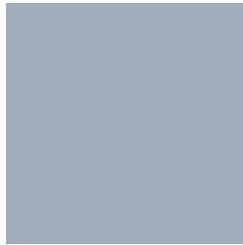
14.7867, 7.4884, 6.7636



0.5526, 0.2765, 0.4033

Previews

White Background



This preview shows how the XYZ color 38.1127, 40.5238, 52.2675 looks on a white background.

Color Contrast Check

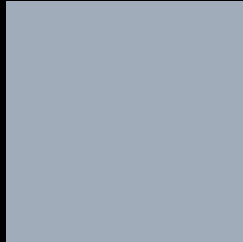
Large Text (above 18pt) WCAG AA × Fail

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 38.1127, 40.5238, 52.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

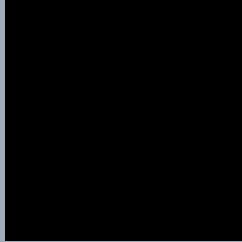
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

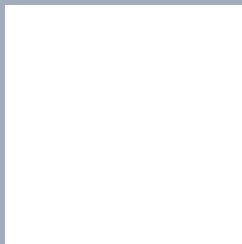
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1127, 40.5238, 52.2675

Background



This preview shows how black text looks on a background with the XYZ color 38.1127, 40.5238, 52.2675.



This preview shows how white text looks on a background with the XYZ color 38.1127, 40.5238,

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

38.1127, 40.5238, 52.2675

Protanopia

39.2019, 40.2716, 51.0544

Deuteranopia

41.1963, 40.4440, 52.6489



Tritanopia

38.1127, 40.5238, 52.2675

Trichromacy



Original Color

38.1127, 40.5238, 52.2675

Protanomaly

38.8576, 40.3592, 51.6410

Deuteranomaly

39.9855, 40.3638, 52.6972

Tritanomaly

38.1127, 40.5238, 52.2675

Monochromacy



Original Color

38.1127, 40.5238, 52.2675

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1253, 40.3674, 46.8566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1127, 40.5238, 52.2675 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(160, 172, 186) looks like.

```
.text, #text, p{  
    color:rgb(160, 172, 186)  
}
```

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(160, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 172, 186) }
```

Border

The CSS property to change the border of an element to XYZ 38.1127, 40.5238, 52.2675 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(160, 172, 186) }
```


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

```
.border{ border-color:rgb(160, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(160, 172,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1127, 40.5238, 52.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 172, 186) }
```

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

```
.background{ background-color: rgb(160,  
172, 186) }
```

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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