

Converting Colors

XYZ(38.6173, 42.8268, 57.2867)

Have a look what the booklet for
XYZ(38.6173, 42.8268, 57.2867)
contains.

XYZ(38.6202, 42.7146, 57.2482)	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(38.6202, 42.7146,
57.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	97B3C2
RGB	151, 179, 194
RGB Percent	59%, 70%, 76%
CMY	0.4078, 0.2980, 0.2392
CMYK	0.22, 0.08, 0.00, 0.24
HSL	201°, 26%, 68%
HSV	201°, 22%, 76%
XYZ	38.6202, 42.7146, 57.2482
YIQ	172.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

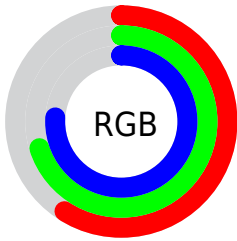
Format	Color
RYB	151, 168, 194
Decimal	9941954
CIELab	71.36, -6.22, -10.80
CIELCh	71, 12.463, 240.063
Yxy	42.7146, 0.2787, 0.3082
Android (android.graphics.Color)	4288132034 (0xFF97B3C2)
YUV	172.3380, 10.6794, -18.7134
Hunter-Lab	65.3564, -8.8951, -6.1849

Details

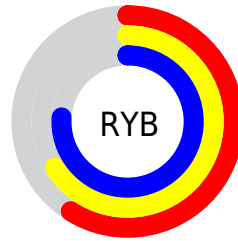
The XYZ color **38.6202, 42.7146, 57.2482** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4706, 40.9761, 35.0024**, and the grayscale version is **39.3403, 41.3890, 45.0727**.

A 20% lighter version of the original color is **72.4172, 79.4406, 101.9593**, and **17.3401, 19.4678, 27.6547** is the 20% darker color. If you saturate the color by 10%, you get **33.9891, 38.3641, 56.6533**, and if you desaturate by 10%, it is **43.9129, 47.5071, 57.8950**.

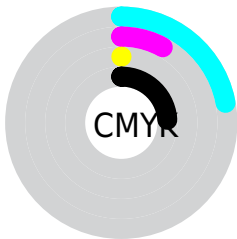
Distribution



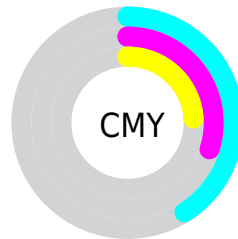
- Red (59%)
- Green (70%)
- Blue (76%)



- Red (59%)
- Yellow (66%)
- Blue (76%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (41%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6202, 42.7146, 57.2482 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 38.6202, 42.7146, 57.2482 by changing the saturation by 10% instead.

■ 38.6202, 42.7146,
57.2482

■ 38.6202, 42.7146,
57.2482

331.5081,
357.4367, 431.8985

■ 26.6438, 29.6613,
40.7939

■ 72.3555, 79.2800,
102.3312

■ 17.4411, 19.5816,
27.8396

■ 94.8452, 103.5608,
131.7969

■ 10.6467, 12.0913,
17.9668

121.5700,
132.3530, 166.4368

■ 5.8953, 6.8059,
10.7569

152.8952,
166.0408, 206.6695

■ 2.8216, 3.3410,
5.7915

189.1863,
205.0087, 252.9135

■ 1.0601, 1.3122,
2.6520

230.8085,

■ 0.0000, 0.1507,

249.6410, 305.5872

0.9191

278.1274,
300.3223, 365.1094

■ 0.0000, 0.0000,
0.0000

■ 38.6202, 42.7146,
57.2482

■ 38.6202, 42.7146,
57.2482

■ 33.9891, 38.3641,
56.6533

■ 43.9129, 47.5071,
57.8950

■ 29.9858, 34.4336,
56.1056

■ 49.8913, 52.7522,
58.5923

■ 26.5793, 30.9067,
55.6044

■ 56.5828, 58.4664,
59.3426

■ 23.7341, 27.7637,
55.1477

■ 64.0122, 64.6639,
60.1472

■ 21.4108, 24.9827,
54.7333

■ 72.2031, 71.3580,
61.0076

■ 19.5642, 22.5390,
54.3590

■ 76.4667, 76.1330,
61.7046

■ 18.1404, 20.4031,
54.0218

■ 78.2745, 79.7486,
62.3072

■ 17.2418, 18.9031,
53.7796

■ 80.1550, 83.5095,
62.9340

■ 82.1089, 87.4174,
63.5853

Harmonies

Analogous

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



37.2090, 42.7146, 52.5355



38.6202, 42.7146, 57.2482



40.6034, 42.7146, 59.0358

Triad

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



38.6202, 42.7146, 57.2482



44.7651, 42.7146, 46.4963



38.6128, 42.7146, 37.2154

Complementary

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



38.6202, 42.7146, 57.2482



41.4706, 40.9761, 35.0024

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.



40.5945, 42.7146, 35.8927



38.6202, 42.7146, 57.2482



44.1888, 42.7146, 40.9618

Square

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



38.6202, 42.7146, 57.2482



44.1935, 42.7146, 52.5118



42.6442, 42.7146, 37.2044



37.2048, 42.7146, 40.9820

Rectangle

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



38.6202, 42.7146, 57.2482



41.9976, 42.7146, 58.2182



42.6442, 42.7146, 37.2044



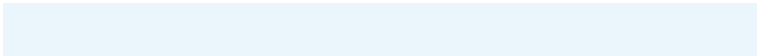
39.2317, 42.7146, 36.4854

Sweetspot

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



38.6215, 42.7163, 57.2492



84.8729, 90.7673, 105.5163



38.8770, 47.8925, 42.9525



18.4404, 19.7490, 23.0900



0.0000, 0.0000, 0.0000



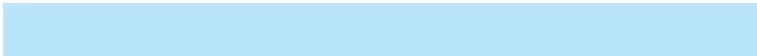
20.3446, 21.4041, 23.3091

Same Dimension

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



38.6215, 42.7163, 57.2492



65.4083, 73.1426, 103.1403



34.7562, 34.9858, 55.9608



10.0633, 10.8179, 12.8425



11.4150, 12.5864, 35.3844



0.5557, 0.6688, 1.5497

Inverse Universe

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



41.4525, 36.8582, 47.5794



71.6063, 60.8196, 81.8574



45.5698, 49.1745, 36.3688



10.3433, 10.1859, 11.8981



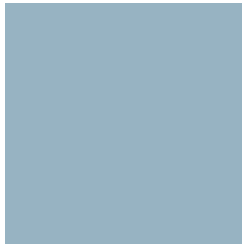
17.1577, 8.5528, 14.0085



0.7729, 0.3822, 0.7714

Previews

White Background



This preview shows how the XYZ color 38.6202, 42.7146, 57.2482 looks on a white background.

Color Contrast Check

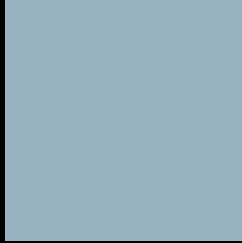
Large Text (above 18pt) WCAG AA × Fail

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 38.6202, 42.7146, 57.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

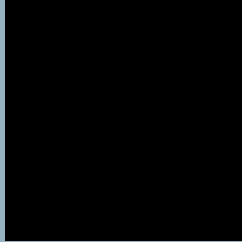
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6202, 42.7146, 57.2482

Background



This preview shows how black text looks on a background with the XYZ color 38.6202, 42.7146, 57.2482.



This preview shows how white text looks on a background with the XYZ color 38.6202, 42.7146,

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

38.6202, 42.7146, 57.2482

Protanopia

41.4714, 42.4891, 54.7306

Deuteranopia

43.3946, 42.5587, 58.1521



Tritanopia

38.5082, 42.6698, 56.6586

Trichromacy



Original Color

38.6202, 42.7146, 57.2482

Protanomaly

40.2510, 42.4209, 55.3568

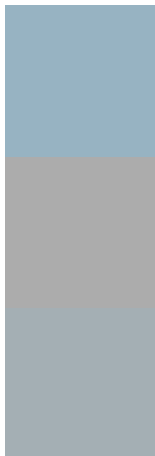
Deuteranomaly

41.3715, 42.3733, 57.6281

Tritanomaly

38.5082, 42.6698, 56.6586

Monochromacy



Original Color

38.6202, 42.7146, 57.2482

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8780, 41.8477, 49.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6202, 42.7146, 57.2482 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(151, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 194)  
}
```

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(151, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 194) }
```

Border

The CSS property to change the border of an element to XYZ 38.6202, 42.7146, 57.2482 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(151, 179, 194) }
```


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

```
.border{ border-color:rgb(151, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 179, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 179, 194); box-shadow:4px 4px 4px 4px rgb(151, 179, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6202, 42.7146, 57.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 194) }
```

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

```
.background{ background-color: rgb(151,  
179, 194) }
```

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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