

Converting Colors

XYZ(35.5362, 42.3191, 57.9252)

Have a look what the booklet for
XYZ(35.5362, 42.3191, 57.9252)
contains.

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Color

**XYZ(35.5362, 42.3191,
57.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB7C3
RGB	127, 183, 195
RGB Percent	50%, 72%, 76%
CMY	0.5019, 0.2823, 0.2353
CMYK	0.35, 0.06, 0.00, 0.24
HSL	191°, 36%, 63%
HSV	191°, 35%, 76%
XYZ	35.5362, 42.3191, 57.9252
YIQ	167.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

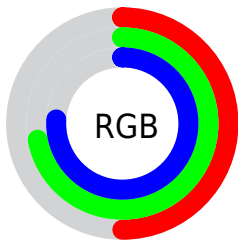
Format	Color
RYB	127, 158, 195
Decimal	8370115
CIELab	71.09, -15.19, -11.90
CIElCh	71, 19.294, 218.083
Yxy	42.3191, 0.2617, 0.3117
Android (android.graphics.Color)	4286560195 (0xFF7FB7C3)
YUV	167.6240, 13.4964, -35.6272
Hunter-Lab	65.0531, -16.3348, -7.2563

Details

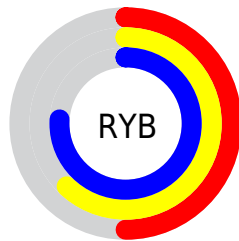
The XYZ color **35.5362, 42.3191, 57.9252** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.5697, 31.6002, 24.3044**, and the grayscale version is **36.9853, 38.9114, 42.3745**.

A 20% lighter version of the original color is **67.7286, 78.7064, 103.7176**, and **15.6144, 19.3442, 28.1101** is the 20% darker color. If you saturate the color by 10%, you get **32.2076, 39.5634, 57.5695**, and if you desaturate by 10%, it is **39.4468, 45.4026, 58.3150**.

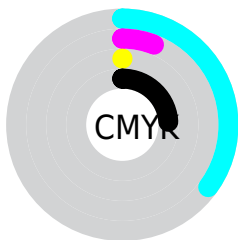
Distribution



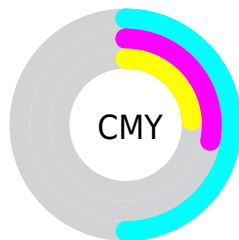
- Red (50%)
- Green (72%)
- Blue (76%)



- Red (50%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5362, 42.3191, 57.9252 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 35.5362, 42.3191, 57.9252 by changing the saturation by 10% instead.

■ 35.5362, 42.3191,
57.9252

■ 35.5362, 42.3191,
57.9252

318.3955,
355.8040, 434.4976

■ 24.2447, 29.3512,
41.3342

■ 67.6442, 78.6823,
103.3276

■ 15.6409, 19.3467,
28.2587

■ 89.1913, 102.8465,
132.9761

■ 9.3597, 11.9211,
18.2800

■ 114.8877,
131.5116, 167.8143

■ 5.0355, 6.6899,
10.9797

145.0986,
165.0619, 208.2605

■ 2.3031, 3.2690,
5.9392

180.1895,
203.8819, 254.7334

■ 0.7962, 1.2737,
2.7399

220.5257,

■ 0.0000, 0.1207,

248.3560, 307.6516

0.9634

266.4726,
298.8686, 367.4334

■ 0.0000, 0.0000,
0.0000

■ 35.5362, 42.3191,
57.9252

■ 35.5362, 42.3191,
57.9252

■ 32.2076, 39.5634,
57.5695

■ 39.4468, 45.4026,
58.3150

■ 29.4245, 37.1135,
57.2433

■ 43.9655, 48.8245,
58.7373

■ 27.1521, 34.9523,
56.9459

■ 49.1217, 52.6012,
59.1945

■ 25.3500, 33.0587,
56.6754

■ 54.9415, 56.7462,
59.6879

■ 23.9713, 31.4085,
56.4295

■ 61.4495, 61.2725,
60.2185

■ 22.9593, 29.9721,
56.2056

■ 68.6692, 66.1923,
60.7876

■ 22.5245, 29.2883,
56.0965

■ 73.4247, 69.8686,
61.2466

■ 74.2679, 71.5550,
61.5276

■ 75.1293, 73.2779,
61.8148

Harmonies

Analogous

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



34.3898, 42.3191, 48.6212



35.5362, 42.3191, 57.9252



37.9522, 42.3191, 64.5989

Triad

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



35.5362, 42.3191, 57.9252



46.2555, 42.3191, 53.0312



39.3573, 42.3191, 30.6351

Complementary

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



35.5362, 42.3191, 57.9252



35.5697, 31.6002, 24.3044

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.



42.5827, 42.3191, 31.4863



35.5362, 42.3191, 57.9252



46.6811, 42.3191, 43.6256

Square

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



35.5362, 42.3191, 57.9252



44.1710, 42.3191, 61.5207



45.3048, 42.3191, 35.9680



36.5176, 42.3191, 33.4639

Rectangle

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



35.5362, 42.3191, 57.9252



40.0160, 42.3191, 66.2076



45.3048, 42.3191, 35.9680



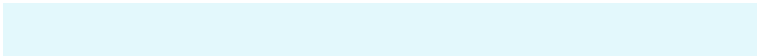
40.4308, 42.3191, 30.5084

Sweetspot

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



35.5375, 42.3208, 57.9262



82.9514, 90.5532, 105.5763



32.8801, 45.3877, 31.2003



17.8794, 19.6200, 23.0946



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.



35.5375, 42.3208, 57.9262



58.9205, 71.9052, 103.2434



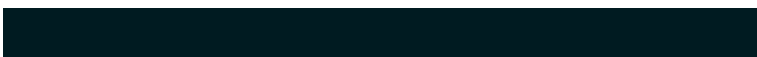
29.4569, 30.1597, 55.8993



10.2125, 11.1163, 12.8922



14.6948, 19.1460, 36.4777



0.6755, 0.9084, 1.5896

Inverse Universe

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



38.6433, 30.2008, 48.5942



65.4662, 47.3931, 83.3448



41.1534, 42.7674, 26.1656



10.4186, 10.2160, 12.2946



18.8132, 9.2150, 22.7262



0.8333, 0.4063, 1.0898

Previews

White Background



This preview shows how the XYZ color 35.5362, 42.3191, 57.9252 looks on a white background.

Color Contrast Check

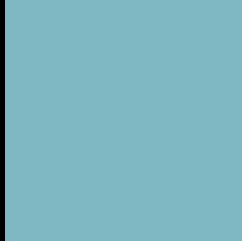
Large Text (above 18pt) WCAG AA × Fail

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 35.5362, 42.3191, 57.9252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

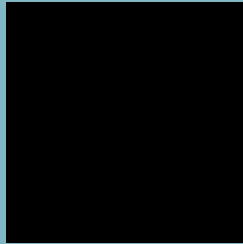
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5362, 42.3191, 57.9252

Background



This preview shows how black text looks on a background with the XYZ color 35.5362, 42.3191, 57.9252.



This preview shows how white text looks on a background with the XYZ color 35.5362, 42.3191,

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

35.5362, 42.3191, 57.9252

Protanopia

40.8429, 41.9065, 53.5131

Deuteranopia

42.9714, 42.0369, 59.2752



Tritanopia

35.9136, 42.4874, 59.1314

Trichromacy



Original Color

35.5362, 42.3191, 57.9252

Protanomaly

38.6396, 41.8802, 55.3374

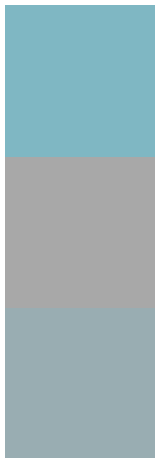
Deuteranomaly

39.7113, 41.7769, 58.7941

Tritanomaly

35.7994, 42.4417, 58.5298

Monochromacy



Original Color

35.5362, 42.3191, 57.9252

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.1163, 39.8738, 47.9124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5362, 42.3191, 57.9252 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(127, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 195)  
}
```

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(127, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.5362, 42.3191, 57.9252 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(127, 183, 195) }
```


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

```
.border{ border-color:rgb(127, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(127, 183,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5362, 42.3191, 57.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 195) }
```

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

```
.background{ background-color: rgb(127,  
183, 195) }
```

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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