

Converting Colors

XYZ(41.5480, 50.3361, 63.0632)

Have a look what the booklet for
XYZ(41.5480, 50.3361, 63.0632)
contains.

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Color

**XYZ(41.3842, 50.0942,
62.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC6C9
RGB	139, 198, 201
RGB Percent	55%, 78%, 79%
CMY	0.4549, 0.2235, 0.2118
CMYK	0.31, 0.01, 0.00, 0.21
HSL	183°, 36%, 67%
HSV	183°, 31%, 79%
XYZ	41.3842, 50.0942, 62.7463
YIQ	180.7010, -36.1270, -11.5750

Conversions

Conversions Part 2

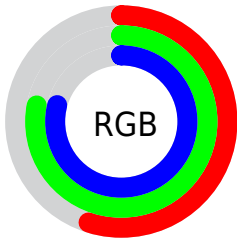
Format	Color
RYB	139, 169, 201
Decimal	9160393
CIELab	76.13, -18.13, -7.59
CIELCh	76, 19.658, 202.723
Yxy	50.0942, 0.2683, 0.3248
Android (android.graphics.Color)	4287350473 (0xFF8BC6C9)
YUV	180.7010, 10.0074, -36.5718
Hunter-Lab	70.7773, -19.4894, -3.0184

Details

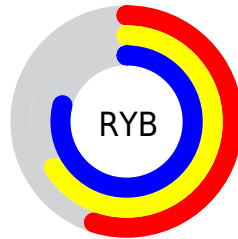
The XYZ color **41.3842, 50.0942, 62.7463** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4213, 33.6281, 28.8931**, and the grayscale version is **43.7225, 45.9994, 50.0934**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **19.0775, 24.0315, 31.2368** is the 20% darker color. If you saturate the color by 10%, you get **38.1107, 48.0792, 62.5307**, and if you desaturate by 10%, it is **45.2791, 52.4342, 62.9935**.

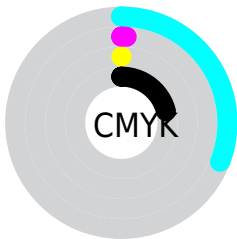
Distribution



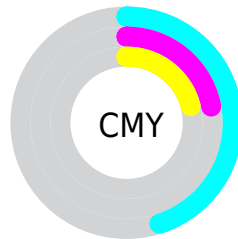
- Red (55%)
- Green (78%)
- Blue (79%)



- Red (55%)
- Yellow (66%)
- Blue (79%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (45%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3842, 50.0942, 62.7463 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 41.3842, 50.0942, 62.7463 by changing the saturation by 10% instead.

■ 41.3842, 50.0942,
62.7463

■ 41.3842, 50.0942,
62.7463

342.9590,
387.0342, 452.7307

■ 28.8084, 35.4883,
45.1963

■ 76.5378, 90.3144,
110.3855

■ 19.0795, 24.0392,
31.2680

■ 99.8463, 116.6975,
141.3117

■ 11.8321, 15.3627,
20.5428

■ 127.4632,
147.7751, 177.5338

■ 6.7008, 9.0743,
12.6023

159.7536,
183.9315, 219.4703

■ 3.3204, 4.7897,
7.0278

197.0831,
225.5513, 267.5397

■ 1.3254, 2.1244,
3.4008

239.8169,

■ 0.2021, 0.6783,

273.0187, 322.1605

1.3027

288.3204,
326.7182, 383.7514

■ 0.0000, 0.0000,
0.0640

■ 0.0000, 0.0000,
0.0000

■ 41.3842, 50.0942,
62.7463

■ 41.3842, 50.0942,
62.7463

■ 38.1107, 48.0792,
62.5307

■ 45.2791, 52.4342,
62.9935

■ 35.4203, 46.3656,
62.3418

■ 49.8223, 55.1093,
63.2704

■ 33.2774, 44.9364,
62.1789

■ 55.0444, 58.1364,
63.5795

■ 31.6406, 43.7702,
62.0400

■ 60.9728, 61.5298,
63.9220

■ 30.4627, 42.8426,
61.9231

■ 67.6333, 65.3028,
64.2992

■ 29.6874, 42.1247,
61.8254

■ 73.3364, 68.5844,
64.6320

■ 29.2353, 41.6022,
61.7483

■ 73.5679, 69.0473,
64.7092

■ 73.8008, 69.5131,
64.7868

■ 74.0352, 69.9819,
64.8650

Harmonies

Analogous

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



40.9378, 50.0942, 52.0190



41.3842, 50.0942, 62.7463



43.4575, 50.0942, 72.2967

Triad

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



41.3842, 50.0942, 62.7463



53.4640, 50.0942, 67.7515



48.5143, 50.0942, 36.8216

Complementary

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



41.3842, 50.0942, 62.7463



38.4213, 33.6281, 28.8931

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.



52.0254, 50.0942, 39.9650



41.3842, 50.0942, 62.7463



54.9771, 50.0942, 57.1496

Square

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



41.3842, 50.0942, 62.7463



50.3969, 50.0942, 75.4362



54.4375, 50.0942, 47.0897



44.9336, 50.0942, 37.9163

Rectangle

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



41.3842, 50.0942, 62.7463



45.5438, 50.0942, 76.2561



54.4375, 50.0942, 47.0897



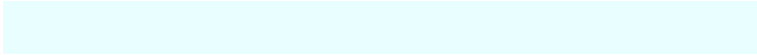
49.7441, 50.0942, 37.4023

Sweetspot

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



41.3857, 50.0962, 62.7475



86.7520, 95.1982, 108.4105



36.3478, 49.1883, 32.8051



18.3012, 20.2205, 23.1883



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.



41.3857, 50.0962, 62.7475



66.9994, 83.4046, 107.1752



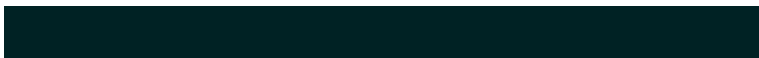
35.1815, 37.6878, 60.6794



10.9011, 11.9762, 13.6546



18.4017, 26.1973, 38.8311



0.8852, 1.2681, 1.8433

Inverse Universe

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



43.5143, 34.9612, 57.8831



71.2479, 53.5572, 97.3855



43.5138, 43.8131, 30.5906



11.0601, 10.8074, 13.2998



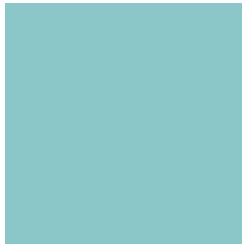
21.0876, 10.1846, 32.0011



1.0055, 0.4850, 1.5520

Previews

White Background



This preview shows how the XYZ color 41.3842, 50.0942, 62.7463 looks on a white background.

Color Contrast Check

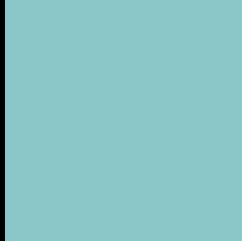
Large Text (above 18pt) WCAG AA × Fail

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 41.3842, 50.0942, 62.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

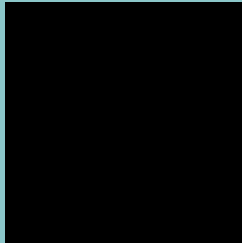
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3842, 50.0942, 62.7463

Background



This preview shows how black text looks on a background with the XYZ color 41.3842, 50.0942, 62.7463.



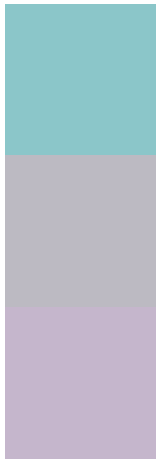
This preview shows how white text looks on a background with the XYZ color 41.3842, 50.0942,

62.7463.

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

41.3842, 50.0942, 62.7463

Protanopia

48.0355, 49.7042, 58.1011

Deuteranopia

50.6530, 49.6858, 64.0474



Tritanopia

42.7789, 49.9841, 69.6806

Trichromacy



Original Color

41.3842, 50.0942, 62.7463

Protanomaly

45.0691, 49.4042, 59.9839

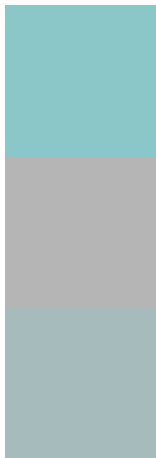
Deuteranomaly

46.6672, 49.5083, 63.5964

Tritanomaly

42.3359, 50.1493, 67.1229

Monochromacy



Original Color

41.3842, 50.0942, 62.7463

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5733, 47.2785, 54.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3842, 50.0942, 62.7463 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(139, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(139, 198, 201)  
}
```

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(139, 198, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 198, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.3842, 50.0942, 62.7463 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(139, 198, 201) }
```


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

```
.border{ border-color:rgb(139, 198, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 198, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 198, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 198, 201);  
box-shadow:4px 4px 4px 4px rgb(139, 198,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3842, 50.0942, 62.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 198, 201) }
```

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

```
.background{ background-color: rgb(139,  
198, 201) }
```

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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