

Converting Colors

XYZ(42.0806, 49.1947, 56.0142)

Have a look what the booklet for
XYZ(42.0806, 49.1947, 56.0142)
contains.

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Color

**XYZ(42.1036, 49.2698,
56.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC2BE
RGB	155, 194, 190
RGB Percent	61%, 76%, 75%
CMY	0.3921, 0.2392, 0.2549
CMYK	0.20, 0.00, 0.02, 0.24
HSL	174°, 24%, 68%
HSV	174°, 20%, 76%
XYZ	42.1036, 49.2698, 56.0061
YIQ	181.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

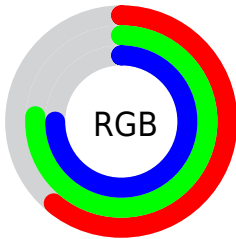
Format	Color
RYB	155, 176, 194
Decimal	10207934
CIELab	75.62, -13.76, -2.28
CIELCh	76, 13.946, 189.421
Yxy	49.2698, 0.2857, 0.3343
Android (android.graphics.Color)	4288398014 (0xFF9BC2BE)
YUV	181.8830, 4.0017, -23.5764
Hunter-Lab	70.1924, -15.7670, 1.8276

Details

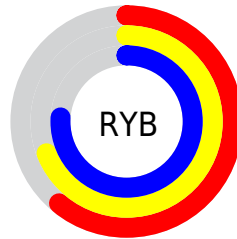
The XYZ color **42.1036, 49.2698, 56.0061** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2292, 37.4166, 37.9048**, and the grayscale version is **44.3883, 46.7000, 50.8563**.

A 20% lighter version of the original color is **77.7101, 89.3498, 100.3393**, and **19.4870, 23.4459, 27.1653** is the 20% darker color. If you saturate the color by 10%, you get **38.4596, 47.4175, 54.7083**, and if you desaturate by 10%, it is **46.3516, 51.4357, 57.3498**.

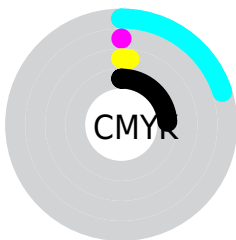
Distribution



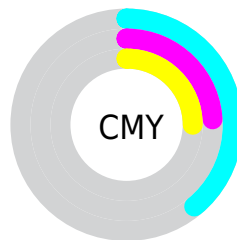
- Red (61%)
- Green (76%)
- Blue (75%)



- Red (61%)
- Yellow (69%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1036, 49.2698, 56.0061 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 42.1036, 49.2698, 56.0061 by changing the saturation by 10% instead.

 42.1036, 49.2698,
56.0061


 42.1036, 49.2698,
56.0061


345.8965,
383.8035, 427.1034

 29.3739, 34.8335,
39.8038


 77.6206, 89.0920,
100.4994

 19.5095, 23.5347,
27.0730


 101.1385,
115.2468, 129.6274

 12.1452, 14.9888,
17.3951


128.9833,
146.0765, 163.9011

 6.9156, 8.8115,
10.3517

161.5202,
181.9656, 203.7390

 3.4552, 4.6185,
5.5241

199.1147,
223.2985, 249.5597

 1.3988, 2.0252,
2.4939

242.1320,

 0.2554, 0.6220,

270.4595, 301.7816

0.8369

290.9375,
323.8330, 360.8233

0.0000, 0.0000,
0.0000

42.1036, 49.2698,
56.0061

42.1036, 49.2698,
56.0061

38.4596, 47.4175,
54.7083

46.3516, 51.4357,
57.3498

35.3869, 45.8581,
53.4516

51.2259, 53.9228,
58.7373

32.8559, 44.5776,
52.2357

56.7531, 56.7462,
60.1711

30.8330, 43.5587,
51.0589

62.9567, 59.9179,
61.6521

29.2805, 42.7820,
49.9194

69.8592, 63.4496,
63.1817

■ 28.1557, 42.2255,
48.8151

■ 71.1871, 64.1071,
64.4662

■ 27.4080, 41.8629,
47.7437

■ 71.4243, 64.2020,
65.7155

■ 26.9418, 41.6450,
46.7109

■ 71.6646, 64.2981,
66.9809

■ 71.9080, 64.3954,
68.2625

Harmonies

Analogous

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



42.3366, 49.2698, 48.8055



42.1036, 49.2698, 56.0061



43.1005, 49.2698, 63.1846

Triad

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



42.1036, 49.2698, 56.0061



50.0512, 49.2698, 65.3884



48.5951, 49.2698, 41.4134

Complementary

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



42.1036, 49.2698, 56.0061



40.2292, 37.4166, 37.9048

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.



50.7676, 49.2698, 45.1200



42.1036, 49.2698, 56.0061



51.6295, 49.2698, 58.7973

Square

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



42.1036, 49.2698, 56.0061



47.6463, 49.2698, 68.9199



51.8964, 49.2698, 51.3540



46.0220, 49.2698, 40.8146

Rectangle

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



42.1036, 49.2698, 56.0061



44.3506, 49.2698, 66.8326



51.8964, 49.2698, 51.3540



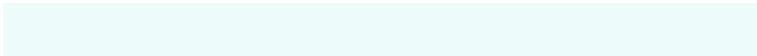
49.3990, 49.2698, 42.3198

Sweetspot

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



42.1050, 49.2718, 56.0072



87.3743, 94.9190, 104.8966



39.6171, 48.3794, 38.2614



19.0074, 20.7216, 22.9347



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.



42.1050, 49.2718, 56.0072



73.3254, 87.7603, 100.4505



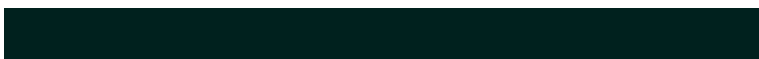
39.3868, 43.1255, 57.2894



10.3226, 11.4101, 12.7019



17.7303, 27.3862, 30.8027



0.7792, 1.1885, 1.3998

Inverse Universe

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



40.2292, 37.4166, 37.9048



69.3297, 62.4992, 61.8838



42.5316, 42.5682, 36.9861



10.1143, 10.0943, 10.6923



14.7247, 7.5796, 1.1964



0.6506, 0.3333, 0.1277

Previews

White Background



This preview shows how the XYZ color 42.1036, 49.2698, 56.0061 looks on a white background.

Color Contrast Check

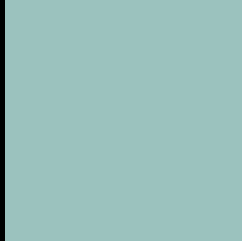
Large Text (above 18pt) WCAG AA × Fail

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 42.1036, 49.2698, 56.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

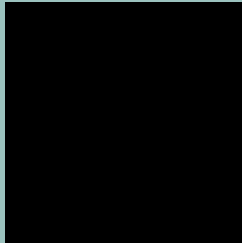
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

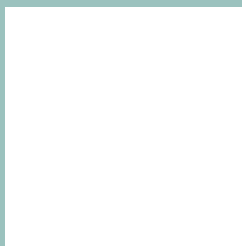
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1036, 49.2698, 56.0061

Background



This preview shows how black text looks on a background with the XYZ color 42.1036, 49.2698, 56.0061.

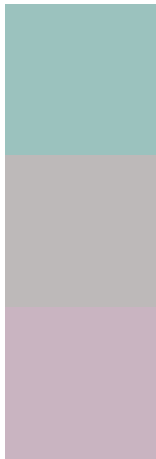


This preview shows how white text looks on a background with the XYZ color 42.1036, 49.2698,

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

42.1036, 49.2698, 56.0061

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

50.0343, 48.9103, 57.2556



Tritanopia

43.9938, 49.0357, 66.1776

Trichromacy



Original Color

42.1036, 49.2698, 56.0061

Protanomaly

45.0843, 48.9014, 54.0764

Deuteranomaly

46.6306, 48.6940, 56.8104

Tritanomaly

43.2969, 49.0844, 62.4506

Monochromacy



Original Color

42.1036, 49.2698, 56.0061

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.3291, 47.3912, 52.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1036, 49.2698, 56.0061 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(155, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(155, 194, 190)  
}
```

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(155, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 194, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.1036, 49.2698, 56.0061 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(155, 194, 190) }
```


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

```
.border{ border-color:rgb(155, 194, 190) }
```

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

Here you see how a box with a 4 pixel rgb(155, 194, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(155, 194,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1036, 49.2698, 56.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 194, 190) }
```

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

```
.background{ background-color: rgb(155,  
194, 190) }
```

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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