

Converting Colors

XYZ(49.1383, 55.6304, 61.4103)

Have a look what the booklet for
XYZ(49.1383, 55.6304, 61.4103)
contains.

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Color

**XYZ(48.9928, 55.4322,
61.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCAC6
RGB	175, 202, 198
RGB Percent	69%, 79%, 78%
CMY	0.3137, 0.2078, 0.2235
CMYK	0.13, 0.00, 0.02, 0.21
HSL	171°, 20%, 74%
HSV	171°, 13%, 79%
XYZ	48.9928, 55.4322, 61.5434
YIQ	193.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

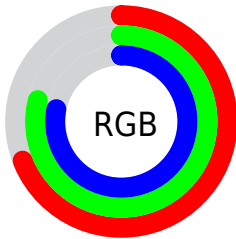
Format	Color
RYB	175, 190, 202
Decimal	11520710
CIELab	79.29, -9.83, -1.07
CIELCh	79, 9.890, 186.212
Yxy	55.4322, 0.2952, 0.3340
Android (android.graphics.Color)	4289710790 (0xFFAFCAC6)
YUV	193.4710, 2.2328, -16.1991
Hunter-Lab	74.4528, -12.8326, 3.1073

Details

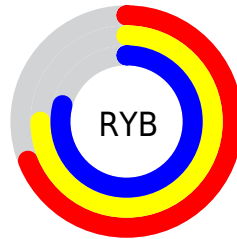
The XYZ color **48.9928, 55.4322, 61.5434** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8258, 46.4727, 49.0998**, and the grayscale version is **50.9606, 53.6145, 58.3862**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **23.6500, 27.3310, 30.4145** is the 20% darker color. If you saturate the color by 10%, you get **44.4522, 53.1324, 59.5466**, and if you desaturate by 10%, it is **54.2217, 58.0890, 63.6103**.

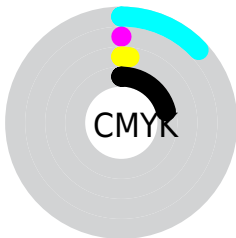
Distribution



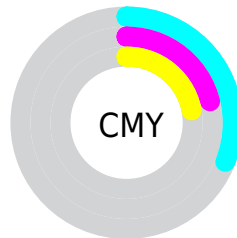
- Red (69%)
- Green (79%)
- Blue (78%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9928, 55.4322, 61.5434 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 48.9928, 55.4322, 61.5434 by changing the saturation by 10% instead.

■ 48.9928, 55.4322,
61.5434

■ 48.9928, 55.4322,
61.5434

373.2314,
407.5482, 448.2252

■ 34.8283, 39.7479,
44.2305

■ 87.8815, 98.1739,
108.6305

■ 23.6965, 27.3420,
30.5132

113.3365,
126.0001, 139.2418

■ 15.2322, 17.8302,
19.9731

143.2856,
158.6423, 175.1229

■ 9.0699, 10.8282,
12.1916

178.0943,
196.4850, 216.6924

■ 4.8443, 5.9514,
6.7502

218.1278,
239.9125, 264.3689

■ 2.1900, 2.8156,
3.2303

263.7516,

■ 0.7375, 1.0362,

289.3093, 318.5708

1.2134

315.3310,
345.0597, 379.7167

■ 0.0000, 0.0000,
0.0000

■ 48.9928, 55.4322,
61.5434

■ 48.9928, 55.4322,
61.5434

■ 44.4522, 53.1324,
59.5466

■ 54.2217, 58.0890,
63.6103

■ 40.5650, 51.1672,
57.6148

■ 60.1622, 61.1103,
65.7453

■ 37.3005, 49.5223,
55.7473

■ 66.8426, 64.5123,
67.9509

■ 34.6236, 48.1795,
53.9423

■ 73.9918, 68.1551,
70.2147

■ 32.4958, 47.1190,
52.1979

■ 74.3684, 68.3058,
72.1980

■ 30.8739, 46.3185,
50.5117

■ 74.7521, 68.4593,
74.2183

■ 29.7079, 45.7523,
48.8814

■ 75.1428, 68.6155,
76.2757

■ 28.9379, 45.3894,
47.3037

■ 75.5406, 68.7747,
78.3705

■ 28.5737, 45.2239,
46.2829

■ 75.9455, 68.9366,
80.5028

Harmonies

Analogous

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



49.2801, 55.4322, 56.0655



48.9928, 55.4322, 61.5434



49.6751, 55.4322, 67.0275

Triad

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



48.9928, 55.4322, 61.5434



54.9673, 55.4322, 69.5850



54.2368, 55.4322, 50.9214

Complementary

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



48.9928, 55.4322, 61.5434



47.8258, 46.4727, 49.0998

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.



55.8176, 55.4322, 54.1430



48.9928, 55.4322, 61.5434



56.2466, 55.4322, 64.8605

Square

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



48.9928, 55.4322, 61.5434



53.0995, 55.4322, 71.8539



56.5616, 55.4322, 59.1845



52.2759, 55.4322, 50.1556

Rectangle

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



48.9928, 55.4322, 61.5434



50.5982, 55.4322, 69.8762



56.5616, 55.4322, 59.1845



54.8317, 55.4322, 51.7428

Sweetspot

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



48.9944, 55.4345, 61.5446



91.1539, 98.0195, 107.4519



47.4621, 54.9282, 48.6592



19.3586, 20.9029, 22.9413



0.0000, 0.0000, 0.0000



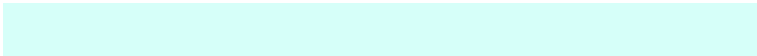
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9944, 55.4345, 61.5446



80.6414, 92.6828, 103.2226



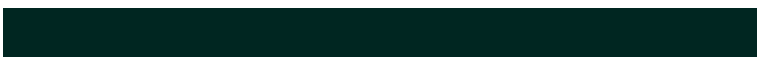
47.3122, 51.3214, 63.2921



11.4690, 12.6973, 14.0271



18.4119, 29.1101, 29.9179



0.9698, 1.5097, 1.6485

Inverse Universe

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



47.8258, 46.4727, 49.0998



78.2884, 74.6349, 78.1623



49.3310, 50.1218, 47.6329



11.2790, 11.2403, 12.0037



15.8444, 8.1483, 1.6333



0.8396, 0.4293, 0.2014

Previews

White Background



This preview shows how the XYZ color 48.9928, 55.4322, 61.5434 looks on a white background.

Color Contrast Check

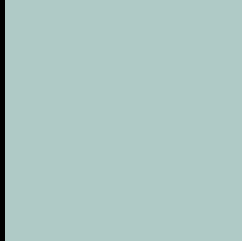
Large Text (above 18pt) WCAG AA × Fail

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 48.9928, 55.4322, 61.5434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

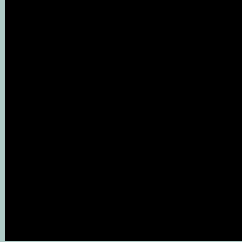
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

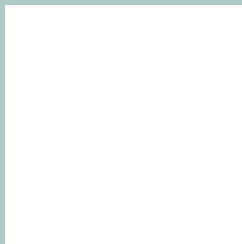
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9928, 55.4322, 61.5434

Background



This preview shows how black text looks on a background with the XYZ color 48.9928, 55.4322, 61.5434.



This preview shows how white text looks on a background with the XYZ color 48.9928, 55.4322,

61.5434.

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

48.9928, 55.4322, 61.5434

Protanopia

53.0721, 55.2046, 58.8973

Deuteranopia

56.2794, 55.1432, 62.3210



Tritanopia

51.0493, 55.2181, 72.2576

Trichromacy



Original Color

48.9928, 55.4322, 61.5434

Protanomaly

51.5303, 55.4047, 59.6080

Deuteranomaly

53.1538, 54.8492, 61.8183

Tritanomaly

50.2944, 55.2591, 68.3369

Monochromacy



Original Color

48.9928, 55.4322, 61.5434

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.8400, 53.8591, 59.3988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9928, 55.4322, 61.5434 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(175, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 198)  
}
```

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(175, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.9928, 55.4322, 61.5434 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(175, 202, 198) }
```


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

```
.border{ border-color:rgb(175, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(175, 202,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9928, 55.4322, 61.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 198) }
```

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

```
.background{ background-color: rgb(175,  
202, 198) }
```

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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