

Converting Colors

XYZ(47.5595, 54.4854, 61.5510)

Have a look what the booklet for
XYZ(47.5595, 54.4854, 61.5510)
contains.

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Color

**XYZ(47.4419, 54.2855,
61.4038)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | A9C9C6 |
| RGB | 169, 201, 198 |
| RGB Percent | 66%, 79%, 78% |
| CMY | 0.3372, 0.2117, 0.2235 |
| CMYK | 0.16, 0.00, 0.01, 0.21 |
| HSL | 174°, 23%, 73% |
| HSV | 174°, 16%, 79% |
| XYZ | 47.4419, 54.2855, 61.4038 |
| YIQ | 191.0900, -18.1090, -7.7170 |

Conversions

Conversions Part 2

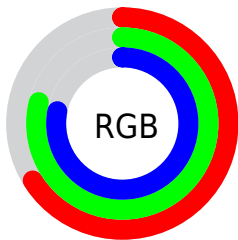
| Format | Color |
|-------------------------------------|--|
| RYB | 169, 186, 201 |
| Decimal | 11127238 |
| CIELab | 78.63, -11.26, -2.09 |
| CIELCh | 79, 11.448, 190.498 |
| Yxy | 54.2855, 0.2908, 0.3328 |
| Android (android.graphics.Color) | 4289317318 (0xFFA9C9C6) |
| YUV | 191.0900, 3.4066, -19.3729 |
| Hunter-Lab | 73.6787, -14.0011, 2.1628 |

Details

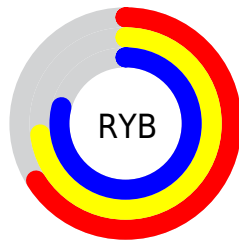
The XYZ color **47.4419, 54.2855, 61.4038** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7237, 43.7735, 45.0714**, and the grayscale version is **49.5631, 52.1442, 56.7851**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **22.6702, 26.5941, 30.3239** is the 20% darker color. If you saturate the color by 10%, you get **43.2411, 52.1463, 60.0797**, and if you desaturate by 10%, it is **52.3115, 56.7720, 62.7756**.

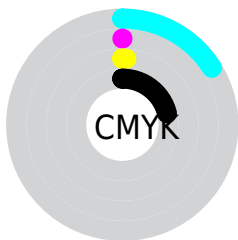
Distribution



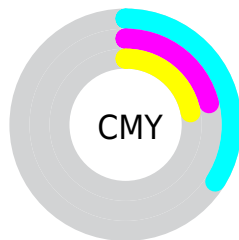
- Red (66%)
- Green (79%)
- Blue (78%)



- Red (66%)
- Yellow (73%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)





- Cyan (34%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4419, 54.2855, 61.4038 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 47.4419, 54.2855, 61.4038 by changing the saturation by 10% instead.


 47.4419, 54.2855,
61.4038


 47.4419, 54.2855,
61.4038


367.1952,
403.1978, 447.7005

 33.5945, 38.8300,
44.1185


 85.5876, 96.4933,
108.4266

 22.7437, 26.6275,
30.4258


 110.6167,
124.0144, 139.0012

 14.5240, 17.2936,
19.9072


140.1036,
156.3261, 174.8425

 8.5702, 10.4441,
12.1442

174.4139,
193.8128, 216.3692

 4.5167, 5.6944,
6.7182

213.9129,
236.8589, 263.9999

 1.9984, 2.6601,
3.2107

258.9658,

 0.6331, 0.9570,

285.8489, 318.1529

1.2032

309.9381,
341.1670, 379.2469

■ 0.0000, 0.0000,
0.0000

■ 47.4419, 54.2855,
61.4038

■ 47.4419, 54.2855,
61.4038

■ 43.2411, 52.1463,
60.0797

■ 52.3115, 56.7720,
62.7756

■ 39.6741, 50.3322,
58.7982

■ 57.8734, 59.6137,
64.1929

■ 36.7101, 48.8285,
57.5590

■ 64.1559, 62.8265,
65.6581

■ 34.3136, 47.6171,
56.3603

■ 71.1840, 66.4234,
67.1726

■ 32.4454, 46.6778,
55.2003

■ 73.4429, 67.5613,
68.4781

■ 31.0615, 45.9878,
54.0769

■ 73.6756, 67.6544,
69.7033

■ 30.1105, 45.5207,
52.9875

■ 73.9110, 67.7486,
70.9430

■ 29.5285, 45.2434,
51.9292

■ 74.1492, 67.8438,
72.1973

■ 29.3460, 45.1586,
51.5040

■ 74.3902, 67.9402,
73.4663

Harmonies

Analogous

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



47.6090, 54.2855, 55.0507



47.4419, 54.2855, 61.4038



48.3632, 54.2855, 67.5616

Triad

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



47.4419, 54.2855, 61.4038



54.4698, 54.2855, 69.0826



53.0607, 54.2855, 48.1381

Complementary

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



47.4419, 54.2855, 61.4038



45.7237, 43.7735, 45.0714

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.



54.9713, 54.2855, 51.3902



47.4419, 54.2855, 61.4038



55.8012, 54.2855, 63.3593

Square

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



47.4419, 54.2855, 61.4038



52.3924, 54.2855, 72.2047



55.9873, 54.2855, 56.8695



50.8092, 54.2855, 47.6986

Rectangle

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



47.4419, 54.2855, 61.4038



49.4868, 54.2855, 70.6112



55.9873, 54.2855, 56.8695



53.7658, 54.2855, 48.9268

Sweetspot

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



47.4435, 54.2878, 61.4050



90.3218, 97.5847, 107.6765



45.1069, 53.4334, 45.4734



19.1956, 20.8172, 23.0107



0.0000, 0.0000, 0.0000



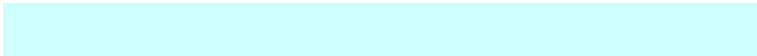
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4435, 54.2878, 61.4050



78.6932, 91.6513, 104.3591



44.9324, 48.7059, 62.2939



10.9021, 12.0497, 13.4349



18.4691, 28.4000, 32.4786



0.8873, 1.3499, 1.6054

Inverse Universe

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



45.7237, 43.7735, 45.0714



75.2139, 70.3759, 71.3108



47.9377, 48.6580, 44.4025



10.6736, 10.6528, 11.2646



15.2337, 7.8430, 1.1747



0.7355, 0.3770, 0.1302

Previews

White Background



This preview shows how the XYZ color 47.4419, 54.2855, 61.4038 looks on a white background.

Color Contrast Check

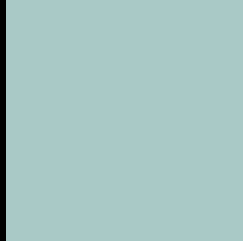
Large Text (above 18pt) WCAG AA × Fail

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 47.4419, 54.2855, 61.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

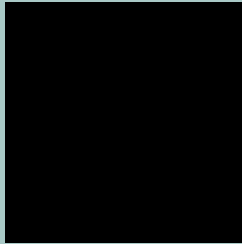
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4419, 54.2855, 61.4038

Background



This preview shows how black text looks on a background with the XYZ color 47.4419, 54.2855, 61.4038.



This preview shows how white text looks on a background with the XYZ color 47.4419, 54.2855,

61.4038.

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

47.4419, 54.2855, 61.4038

Protanopia

51.9843, 53.9960, 58.1345

Deuteranopia

55.1042, 53.8851, 62.7549



Tritanopia

49.5743, 54.4725, 71.5197

Trichromacy



Original Color

47.4419, 54.2855, 61.4038

Protanomaly

50.0838, 53.9848, 59.4102

Deuteranomaly

52.0010, 53.9122, 62.3089

Tritanomaly

48.8340, 54.5205, 67.6242

Monochromacy



Original Color

47.4419, 54.2855, 61.4038

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.7812, 52.9925, 58.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4419, 54.2855, 61.4038 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(169, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 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(169, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.4419, 54.2855, 61.4038 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(169, 201, 198) }
```


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

```
.border{ border-color:rgb(169, 201, 198) }
```

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

Here you see how a box with a 4 pixel rgb(169, 201, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 201,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4419, 54.2855, 61.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 198) }
```

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

```
.background{ background-color: rgb(169,  
201, 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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