

Converting Colors

XYZ(48.1160, 61.8407, 61.9226)

Have a look what the booklet for
XYZ(48.1160, 61.8407, 61.9226)
contains.

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Color

**XYZ(48.2147, 62.0880,
61.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	95DDC4
RGB	149, 221, 196
RGB Percent	58%, 87%, 77%
CMY	0.4157, 0.1333, 0.2314
CMYK	0.33, 0.00, 0.11, 0.13
HSL	159°, 51%, 73%
HSV	159°, 33%, 87%
XYZ	48.2147, 62.0880, 61.6676
YIQ	196.6220, -34.8870, -23.0390

Conversions

Conversions Part 2

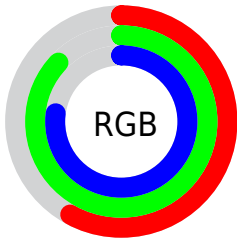
Format	Color
RYB	149, 193, 221
Decimal	9821636
CIELab	82.96, -27.79, 5.15
CIELCh	83, 28.260, 169.506
Yxy	62.0880, 0.2804, 0.3610
Android (android.graphics.Color)	4288011716 (0xFF95DDC4)
YUV	196.6220, -0.3066, -41.7645
Hunter-Lab	78.7959, -28.6700, 8.7554

Details

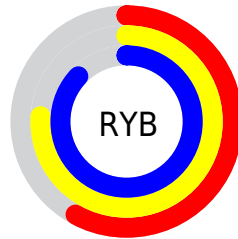
The XYZ color **48.2147, 62.0880, 61.6676** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.2084, 39.9246, 45.2122**, and the grayscale version is **52.8613, 55.6142, 60.5639**.

A 20% lighter version of the original color is **78.6665, 91.5910, 106.4612**, and **23.2380, 31.6583, 30.4771** is the 20% darker color. If you saturate the color by 10%, you get **43.7078, 59.8646, 57.0136**, and if you desaturate by 10%, it is **53.5348, 64.7287, 66.5956**.

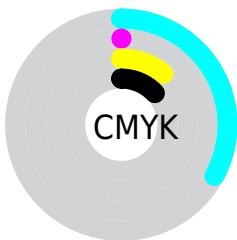
Distribution



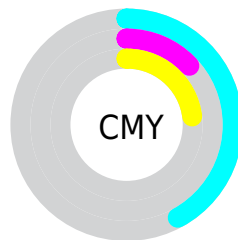
- Red (58%)
- Green (87%)
- Blue (77%)



- Red (58%)
- Yellow (76%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)





- Cyan (42%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2147, 62.0880, 61.6676 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 48.2147, 62.0880, 61.6676 by changing the saturation by 10% instead.


 48.2147, 62.0880,
61.6676


 48.2147, 62.0880,
61.6676


370.2110,
432.2520, 448.6917

 34.2089, 45.1038,
44.3301


 86.7317, 107.8527,
108.8119

 23.2178, 31.5392,
30.5910


 111.9737,
137.4020, 139.4558

 14.8760, 21.0098,
20.0318


141.6918,
171.9085, 175.3723

 8.8181, 13.1312,
12.2338

176.2513,
211.7565, 216.9798

 4.6789, 7.5189,
6.7787

216.0176,
257.3305, 264.6970

 2.0929, 3.7887,
3.2477

261.3561,

 0.6854, 1.5561,

309.0148, 318.9423

1.2225

312.6321,
367.1938, 380.1344

■ 0.0000, 0.3277,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.2147, 62.0880,
61.6676

■ 48.2147, 62.0880,
61.6676

■ 43.7078, 59.8646,
57.0136

■ 53.5348, 64.7287,
66.5956

■ 39.9649, 58.0284,
52.6239


■ 59.7036, 67.8001,
71.7986


■ 36.9393, 56.5569,
48.4941


■ 66.7606, 71.3240,
77.2831


■ 34.5768, 55.4223,
44.6180


■ 74.7413, 75.3187,
83.0541


 32.8152, 54.5927,
40.9890


 82.0026, 78.9371,
89.0378

 31.5796, 54.0294,
37.5998

 83.1317, 79.3888,
94.9840

 30.9116, 53.7368,
35.2333

 84.3093, 79.8598,
101.1850

 85.1476, 80.1951,
105.5992

Harmonies

Analogous

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



50.5349, 62.0880, 48.0517



48.2147, 62.0880, 61.6676



48.6327, 62.0880, 79.4513

Triad

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



48.2147, 62.0880, 61.6676



63.0164, 62.0880, 104.4680



66.9619, 62.0880, 45.1403

Complementary

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



48.2147, 62.0880, 61.6676



48.2084, 39.9246, 45.2122

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.



70.7737, 62.0880, 56.9959



48.2147, 62.0880, 61.6676



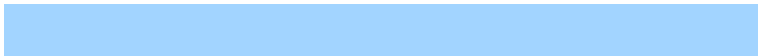
68.3895, 62.0880, 91.8472

Square

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



48.2147, 62.0880, 61.6676



56.9021, 62.0880, 106.3045



71.3135, 62.0880, 73.9081



61.1750, 62.0880, 39.6607

Rectangle

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



48.2147, 62.0880, 61.6676



50.4176, 62.0880, 91.3035



71.3135, 62.0880, 73.9081



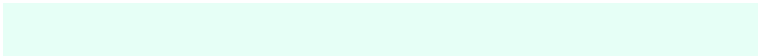
68.5332, 62.0880, 48.4063

Sweetspot

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



48.2164, 62.0905, 61.6690



84.8897, 94.9231, 101.1535



48.7834, 62.9072, 38.0059



17.8861, 20.1759, 21.4248



0.0000, 0.0000, 0.0000



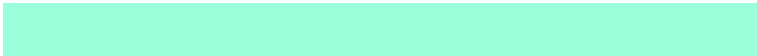
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2164, 62.0905, 61.6690



62.3635, 83.7352, 80.9100



48.5436, 57.8044, 77.0084



13.2428, 14.7488, 15.7416



18.0116, 31.2373, 20.7582



1.2069, 2.0397, 1.5558

Inverse Universe

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



48.2084, 39.9246, 45.2122



62.3565, 48.6076, 54.8589



47.7817, 42.6161, 34.1421



13.2418, 13.1258, 14.5344



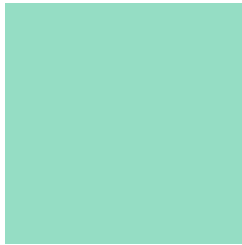
18.1434, 9.2584, 5.1353



1.2153, 0.6157, 0.5426

Previews

White Background



This preview shows how the XYZ color 48.2147, 62.0880, 61.6676 looks on a white background.

Color Contrast Check

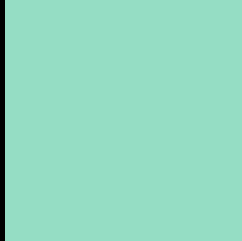
Large Text (above 18pt) WCAG AA × Fail

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 48.2147, 62.0880, 61.6676 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 48.2147, 62.0880, 61.6676

Background



This preview shows how black text looks on a background with the XYZ color 48.2147, 62.0880, 61.6676.



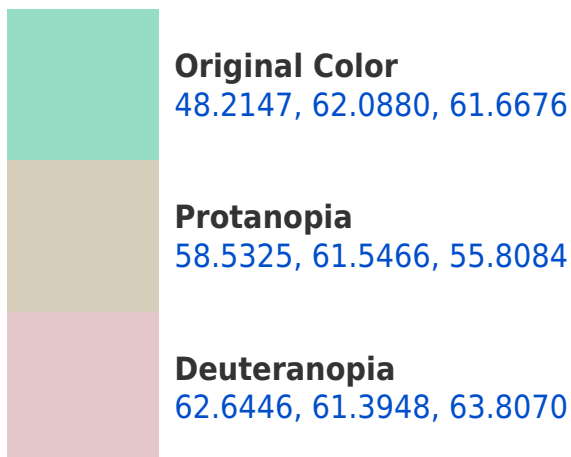
This preview shows how white text looks on a background with the XYZ color 48.2147, 62.0880,

61.6676.

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





Tritanopia

53.1685, 62.1630, 86.2872

Trichromacy



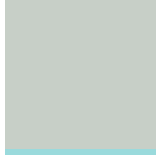
Original Color

48.2147, 62.0880, 61.6676



Protanomaly

53.8237, 61.2534, 57.7015



Deuteranomaly

56.1748, 60.8913, 62.8253



Tritanomaly

51.3161, 62.1801, 77.0075

Monochromacy



Original Color

48.2147, 62.0880, 61.6676



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.9717, 57.8771, 61.3082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2147, 62.0880, 61.6676 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(149, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(149, 221, 196)  
}
```

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(149, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 221, 196) }
```

Border

The CSS property to change the border of an element to XYZ 48.2147, 62.0880, 61.6676 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(149, 221, 196) }
```


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

```
.border{ border-color:rgb(149, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 221, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 221, 196);  
box-shadow:4px 4px 4px 4px rgb(149, 221,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2147, 62.0880, 61.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 221, 196) }
```

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

```
.background{ background-color: rgb(149,  
221, 196) }
```

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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