

Converting Colors

XYZ(57.5725, 77.6615, 62.6748)

Have a look what the booklet for
XYZ(57.5725, 77.6615, 62.6748)
contains.

XYZ(57.4817, 77.4432, 62.3705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4817, 77.4432,
62.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F6C1
RGB	162, 246, 193
RGB Percent	64%, 96%, 76%
CMY	0.3647, 0.0353, 0.2431
CMYK	0.34, 0.00, 0.22, 0.04
HSL	142°, 82%, 80%
HSV	142°, 34%, 96%
XYZ	57.4817, 77.4432, 62.3705
YIQ	214.8420, -33.0510, -34.2910

Conversions

Conversions Part 2

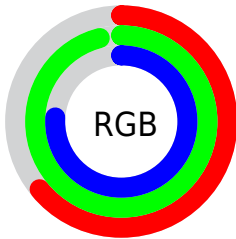
Format	Color
RYB	162, 223, 246
Decimal	10680001
CIELab	90.53, -36.33, 17.56
CIELCh	91, 40.352, 154.198
Yxy	77.4432, 0.2913, 0.3925
Android (android.graphics.Color)	4288870081 (0xFFA2F6C1)
YUV	214.8420, -10.7681, -46.3424
Hunter-Lab	88.0018, -37.4092, 19.5800

Details

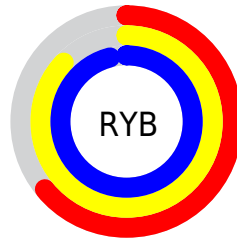
The XYZ color **57.4817, 77.4432, 62.3705** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.1947, 50.3415, 70.6792**, and the grayscale version is **64.5727, 67.9355, 73.9817**.

A 20% lighter version of the original color is **82.2287, 93.4822, 104.1524**, and **28.9212, 41.3851, 30.8899** is the 20% darker color. If you saturate the color by 10%, you get **51.3235, 74.4603, 53.5136**, and if you desaturate by 10%, it is **64.8034, 81.0091, 72.2339**.

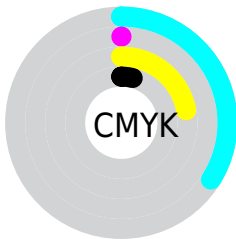
Distribution



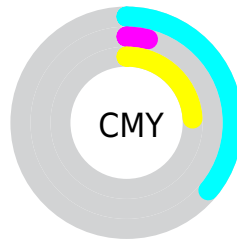
- Red (64%)
- Green (96%)
- Blue (76%)



- Red (64%)
- Yellow (87%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4817, 77.4432, 62.3705 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 57.4817, 77.4432, 62.3705 by changing the saturation by 10% instead.

 57.4817, 77.4432,
62.3705


 57.4817, 77.4432,
62.3705


405.2369,
486.2738, 451.3262

 41.6338, 57.6167,
44.8944

 100.2950,
129.7649, 109.8376

 29.0045, 41.5006,
31.0319


 127.9911,
163.0289, 140.6657

 19.2285, 28.7104,
20.3645


160.3673,
201.5409, 176.7816

 11.9405, 18.8619,
12.4736

197.7889,
245.6852, 218.6038

 6.7751, 11.5705,
6.9406

240.6213,
295.8462, 266.5508

 3.3669, 6.4520,
3.3471


289.2299,


 1.3506, 3.1218,

352.4084, 321.0411

1.2745

343.9800,
415.7561, 382.4934


 0.2206, 1.1956,
0.0407


 0.0000, 0.0581,
0.0000


 57.4817, 77.4432,
62.3705


 57.4817, 77.4432,
62.3705


 51.3235, 74.4603,
53.5136


 64.8034, 81.0091,
72.2339

 46.2596, 72.0191,
45.6259

 73.3401, 85.1777,
83.1293

 42.2230, 70.0879,
38.6753

 83.1481, 89.9793,
95.0874

 39.1366, 68.6275,
32.6260

 92.2472, 94.3945,
107.9657

■ 36.9111, 67.5927,
27.4395

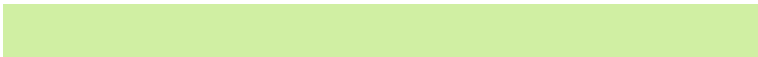
■ 35.4386, 66.9287,
23.0744

■ 34.8363, 66.6661,
20.8808

Harmonies

Analogous

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



63.2300, 77.4432, 46.2007



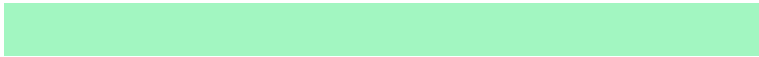
57.4817, 77.4432, 62.3705



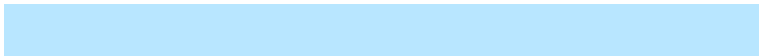
55.8998, 77.4432, 88.4564

Triad

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



57.4817, 77.4432, 62.3705



75.0371, 77.4432, 152.7848



90.8536, 77.4432, 56.7832

Complementary

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



57.4817, 77.4432, 62.3705



63.1947, 50.3415, 70.6792

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.



94.7078, 77.4432, 80.3194



57.4817, 77.4432, 62.3705



85.0624, 77.4432, 139.1515

Square

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



57.4817, 77.4432, 62.3705



65.4794, 77.4432, 144.9101



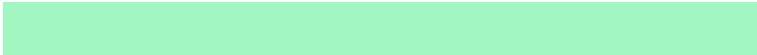
92.4979, 77.4432, 110.9015



82.3817, 77.4432, 43.5299

Rectangle

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



57.4817, 77.4432, 62.3705



57.2871, 77.4432, 109.2164



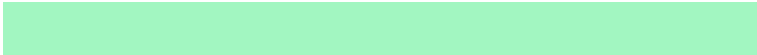
92.4979, 77.4432, 110.9015



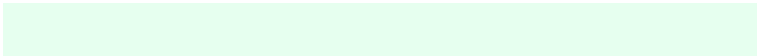
92.7657, 77.4432, 63.5316

Sweetspot

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



57.4838, 77.4464, 62.3722



83.7996, 94.4871, 95.4131



67.5632, 83.0011, 46.6431



17.6226, 20.0705, 20.0369



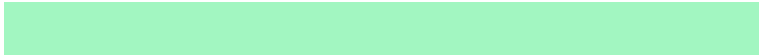
0.0000, 0.0000, 0.0000



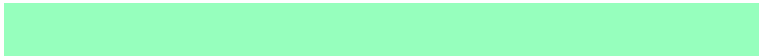
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4838, 77.4464, 62.3722



57.6095, 81.7224, 60.9005



62.8251, 79.5829, 90.4990



16.5350, 18.5732, 18.8359



18.6553, 35.6070, 11.4705



1.6874, 3.1486, 1.2600

Inverse Universe

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



63.1947, 50.3415, 70.6792



64.6670, 48.1961, 71.1433



58.4908, 48.4600, 45.9087



16.9391, 16.6585, 19.4257



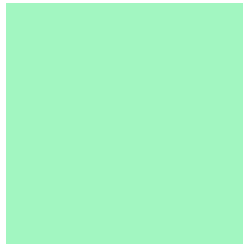
23.5238, 11.7530, 17.9985



2.1170, 1.0528, 1.8424

Previews

White Background



This preview shows how the XYZ color 57.4817, 77.4432, 62.3705 looks on a white background.

Color Contrast Check

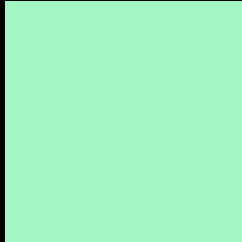
Large Text (above 18pt) WCAG AA × Fail

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 57.4817, 77.4432, 62.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

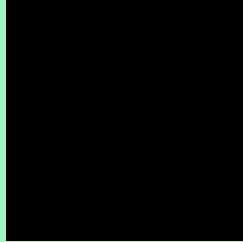
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4817, 77.4432, 62.3705

Background



This preview shows how black text looks on a background with the XYZ color 57.4817, 77.4432, 62.3705.



This preview shows how white text looks on a background with the XYZ color 57.4817, 77.4432,

62.3705.

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

57.4817, 77.4432, 62.3705

Protanopia

71.6788, 76.3369, 55.7564

Deuteranopia

77.6127, 76.7582, 67.2251



Tritanopia

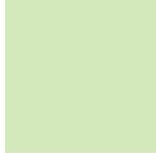
66.6943, 77.2534, 106.0040

Trichromacy



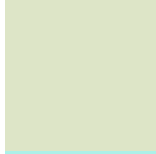
Original Color

57.4817, 77.4432, 62.3705



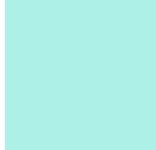
Protanomaly

65.2599, 75.8627, 58.2171



Deuteranomaly

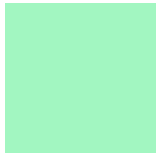
68.1469, 75.5343, 65.0207



Tritanomaly

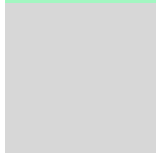
62.7388, 76.9170, 87.8837

Monochromacy



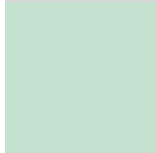
Original Color

57.4817, 77.4432, 62.3705



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.2238, 70.6335, 69.4383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4817, 77.4432, 62.3705 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(162, 246, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 193)  
}
```

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(162, 246, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.4817, 77.4432, 62.3705 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(162, 246, 193) }
```


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

```
.border{ border-color:rgb(162, 246, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4817, 77.4432, 62.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 193) }
```

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

```
.background{ background-color: rgb(162,  
246, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor