

Converting Colors

XYZ(62.4632, 72.1733, 95.2769)

Have a look what the booklet for
XYZ(62.4632, 72.1733, 95.2769)
contains.

XYZ(62.6059, 72.4118, 95.4712)	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(62.6059, 72.4118,
95.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E6F3
RGB	177, 230, 243
RGB Percent	69%, 90%, 95%
CMY	0.3059, 0.0980, 0.0471
CMYK	0.27, 0.05, 0.00, 0.05
HSL	192°, 73%, 82%
HSV	192°, 27%, 95%
XYZ	62.6059, 72.4118, 95.4712
YIQ	215.6350, -35.7610, -7.1930

Conversions

Conversions Part 2

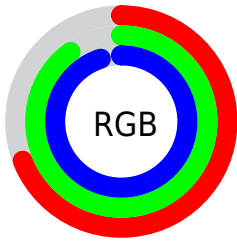
Format	Color
RYB	177, 206, 243
Decimal	11658995
CIELab	88.17, -13.95, -11.83
CIELCh	88, 18.293, 220.289
Yxy	72.4118, 0.2716, 0.3142
Android (android.graphics.Color)	4289849075 (0xFFB1E6F3)
YUV	215.6350, 13.4909, -33.8829
Hunter-Lab	85.0951, -17.5910, -6.9529

Details

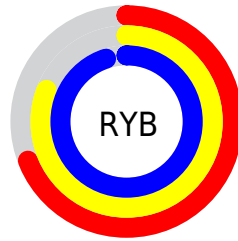
The XYZ color **62.6059, 72.4118, 95.4712** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.3122, 59.0563, 49.6586**, and the grayscale version is **64.9523, 68.3349, 74.4167**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **32.2741, 38.0709, 52.6611** is the 20% darker color. If you saturate the color by 10%, you get **56.2432, 67.1835, 94.7986**, and if you desaturate by 10%, it is **69.9950, 78.2271, 96.2054**.

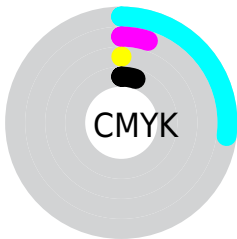
Distribution



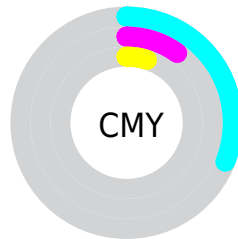
- Red (69%)
- Green (90%)
- Blue (95%)



- Red (69%)
- Yellow (81%)
- Blue (95%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6059, 72.4118, 95.4712 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 62.6059, 72.4118, 95.4712 by changing the saturation by 10% instead.

■ 62.6059, 72.4118,
95.4712

■ 62.6059, 72.4118,
95.4712

423.8202,
468.9737, 566.6952

■ 45.7799, 53.4951,
71.9282

■ 107.6858,
122.6418, 156.9166

■ 32.2761, 38.1982,
52.6135

136.6703,
154.7240, 195.6560

■ 21.7290, 26.1365,
37.1087

170.4385,
191.9634, 240.2980

■ 13.7734, 16.9258,
24.9952

209.3555,
234.7445, 291.2611

■ 8.0439, 10.1816,
15.8545

253.7869,
283.4517, 348.9638

■ 4.1751, 5.5195,
9.2680

304.0979,

■ 1.8017, 2.5552,

338.4694, 413.8247

4.8172

360.6539,
400.1819, 486.2623

■ 0.5187, 0.9042,
2.0836

■ 0.0000, 0.0000,
0.6060

■ 62.6059, 72.4118,
95.4712

■ 62.6059, 72.4118,
95.4712

■ 56.2432, 67.1835,
94.7986

■ 69.9950, 78.2271,
96.2054

■ 50.8478, 62.5059,
94.1801

■ 78.4528, 84.6462,
96.9987

■ 46.3645, 58.3520,
93.6146

■ 88.0269, 91.6959,
97.8548

■ 42.7297, 54.6884,
93.0990

■ 91.3387, 95.5729,
98.4286

■ 39.8710, 51.4775,
92.6299

■ 92.8380, 98.5713,
98.9283

■ 37.7038, 48.6752,
92.2033

■ 93.1779, 99.2512,
99.0416

■ 36.1187, 46.2245,
91.8138

■ 35.7260, 45.5674,
91.7077

Harmonies

Analogous

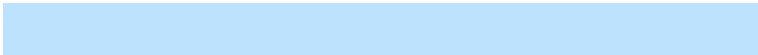
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.8758, 72.4118, 83.2258



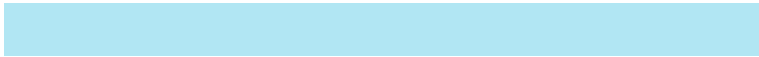
62.6059, 72.4118, 95.4712



66.0268, 72.4118, 103.7681

Triad

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



62.6059, 72.4118, 95.4712



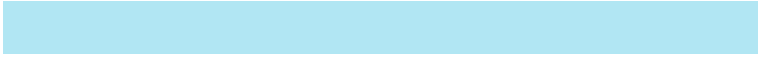
77.0520, 72.4118, 87.2521



67.3337, 72.4118, 57.4362

Complementary

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



62.6059, 72.4118, 95.4712



63.3122, 59.0563, 49.6586

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.



71.7016, 72.4118, 58.2694



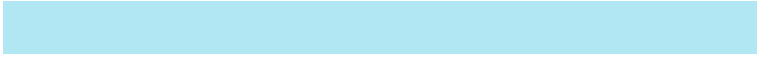
62.6059, 72.4118, 95.4712



77.4383, 72.4118, 74.6190

Square

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



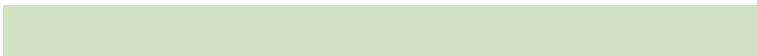
62.6059, 72.4118, 95.4712



74.4094, 72.4118, 98.6858



75.4434, 72.4118, 64.2691



63.5277, 72.4118, 61.8580

Rectangle

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



62.6059, 72.4118, 95.4712



68.8676, 72.4118, 105.4724



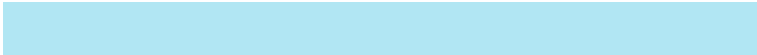
75.4434, 72.4118, 64.2691



68.7829, 72.4118, 57.1234

Sweetspot

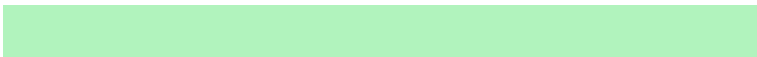
The Sweet Spot groups the original color and five complimentary colors.



62.6081, 72.4147, 95.4729



86.6708, 93.7977, 108.1445



59.3796, 77.1281, 59.9601



18.2331, 19.8378, 23.1180



0.0000, 0.0000, 0.0000



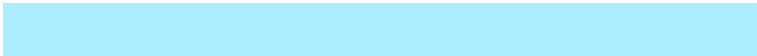
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6081, 72.4147, 95.4729



65.5113, 77.2599, 106.0676



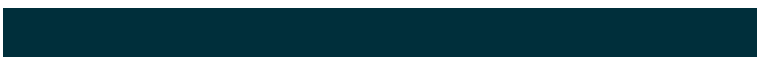
54.4818, 56.1622, 92.7641



16.7032, 18.1708, 21.1695



19.7043, 25.2023, 50.3640



1.8009, 2.3532, 4.4495

Inverse Universe

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



66.9689, 56.2138, 82.1869



71.2702, 56.5274, 88.3738



71.0471, 74.5261, 52.2369



17.0655, 16.7091, 20.0917



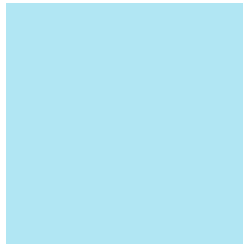
25.7503, 12.6436, 29.7232



2.2981, 1.1252, 2.7960

Previews

White Background



This preview shows how the XYZ color 62.6059, 72.4118, 95.4712 looks on a white background.

Color Contrast Check

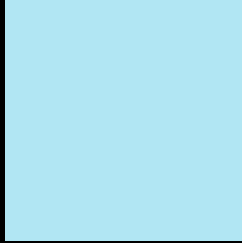
Large Text (above 18pt) WCAG AA × Fail

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 62.6059, 72.4118, 95.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

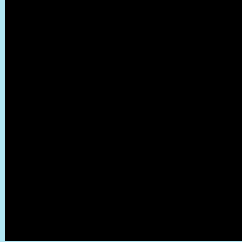
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6059, 72.4118, 95.4712

Background



This preview shows how black text looks on a background with the XYZ color 62.6059, 72.4118, 95.4712.

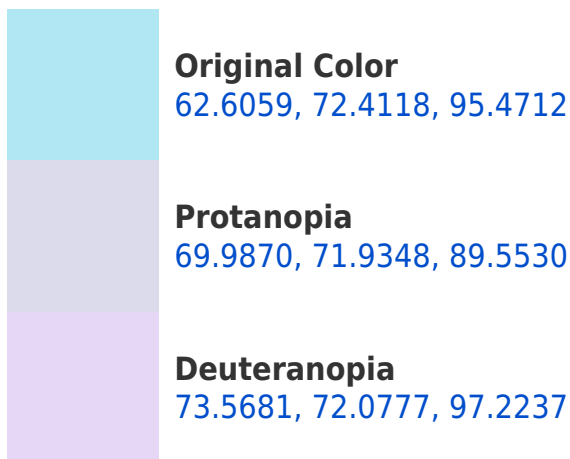


This preview shows how white text looks on a background with the XYZ color 62.6059, 72.4118,

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

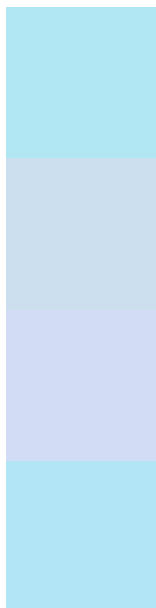




Tritanopia

63.3227, 72.2809, 99.4211

Trichromacy



Original Color

62.6059, 72.4118, 95.4712

Protanomaly

66.8695, 71.8447, 92.0044

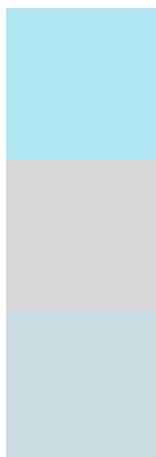
Deuteranomaly

68.9386, 71.6279, 96.5783

Tritanomaly

63.0140, 72.1574, 97.7954

Monochromacy



Original Color

62.6059, 72.4118, 95.4712

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.9410, 69.7604, 82.0466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6059, 72.4118, 95.4712 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(177, 230, 243)` looks like.

```
.text, #text, p{  
    color:rgb(177, 230, 243)  
}
```

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(177, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 230, 243) }
```

Border

The CSS property to change the border of an element to XYZ 62.6059, 72.4118, 95.4712 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(177, 230, 243) }
```


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

```
.border{ border-color:rgb(177, 230, 243) }
```

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

Here you see how a box with a 4 pixel rgb(177, 230, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(177, 230,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6059, 72.4118, 95.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 230, 243) }
```

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

```
.background{ background-color: rgb(177,  
230, 243) }
```

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