

Converting Colors

XYZ(62.5879, 72.4820, 91.3998)

Have a look what the booklet for
XYZ(62.5879, 72.4820, 91.3998)
contains.

XYZ(62.5518, 72.4700, 91.5802)	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(62.5518, 72.4700,
91.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E6EE
RGB	180, 230, 238
RGB Percent	71%, 90%, 93%
CMY	0.2941, 0.0980, 0.0667
CMYK	0.24, 0.03, 0.00, 0.07
HSL	188°, 63%, 82%
HSV	188°, 24%, 93%
XYZ	62.5518, 72.4700, 91.5802
YIQ	215.9620, -32.3680, -8.1120

Conversions

Conversions Part 2

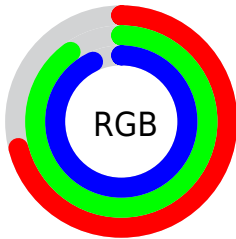
Format	Color
RYB	180, 207, 238
Decimal	11855598
CIELab	88.19, -14.20, -9.14
CIELCh	88, 16.889, 212.780
Yxy	72.4700, 0.2760, 0.3198
Android (android.graphics.Color)	4290045678 (0xFFB4E6EE)
YUV	215.9620, 10.8647, -31.5387
Hunter-Lab	85.1293, -17.8171, -4.1923

Details

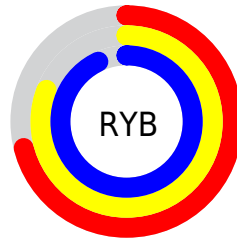
The XYZ color **62.5518, 72.4700, 91.5802** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4820, 57.4391, 51.0278**, and the grayscale version is **65.1902, 68.5852, 74.6893**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **32.1837, 38.0851, 49.9109** is the 20% darker color. If you saturate the color by 10%, you get **56.5757, 68.0480, 91.0428**, and if you desaturate by 10%, it is **69.5007, 77.4227, 92.1711**.

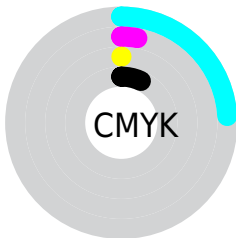
Distribution



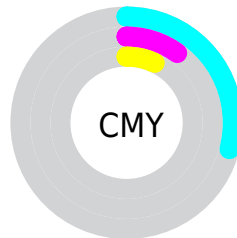
- Red (71%)
- Green (90%)
- Blue (93%)



- Red (71%)
- Yellow (81%)
- Blue (93%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5518, 72.4700, 91.5802 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 62.5518, 72.4700, 91.5802 by changing the saturation by 10% instead.

62.5518, 72.4700,
91.5802

62.5518, 72.4700,
91.5802

423.6266,
469.1759, 553.8601

45.7360, 53.5427,
68.7109

107.6081,
122.7245, 151.4861

32.2413, 38.2362,
50.0060

136.5793,
154.8205, 189.3597

21.7023, 26.1660,
35.0470

170.3330,
192.0749, 233.0719

13.7537, 16.9479,
23.4152

209.2346,
234.8720, 283.0412

8.0301, 10.1974,
14.6922

253.6493,
283.5962, 339.6862

4.1662, 5.5300,
8.4595

303.9427,

1.7966, 2.5615,

338.6320, 403.4252

4.2984

360.4800,
400.3638, 474.6770

■ 0.5156, 0.9073,
1.7904

■ 0.0000, 0.0000,
0.4216

■ 62.5518, 72.4700,
91.5802

■ 62.5518, 72.4700,
91.5802

■ 56.5757, 68.0480,
91.0428

■ 69.5007, 77.4227,
92.1711

■ 51.5174, 64.1227,
90.5518

■ 77.4611, 82.9206,
92.8128

■ 47.3258, 60.6695,
90.1062

■ 86.4777, 88.9888,
93.5088

■ 43.9427, 57.6581,
89.7032

■ 88.7626, 91.6127,
93.8949

■ 41.3020, 55.0545,
89.3399

■ 89.7542, 93.5959,
94.2254

■ 39.3275, 52.8191,
89.0124

■ 90.7635, 95.6144,
94.5618

■ 37.9257, 50.9036,
88.7166

■ 91.7905, 97.6684,
94.9041

■ 37.3086, 49.9246,
88.5602

■ 92.4328, 98.9531,
95.1183

Harmonies

Analogous

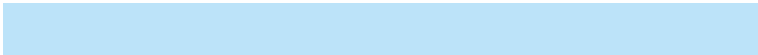
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4070, 72.4700, 79.9920



62.5518, 72.4700, 91.5802



65.3871, 72.4700, 100.3980

Triad

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



62.5518, 72.4700, 91.5802



76.0243, 72.4700, 89.5307



68.5043, 72.4700, 58.7012

Complementary

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



62.5518, 72.4700, 91.5802



61.4820, 57.4391, 51.0278

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.



72.4963, 72.4700, 60.7259



62.5518, 72.4700, 91.5802



76.9372, 72.4700, 77.8329

Square

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



62.5518, 72.4700, 91.5802



73.1740, 72.4700, 99.1357



75.6224, 72.4700, 67.4614



64.7585, 72.4700, 61.6370

Rectangle

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



62.5518, 72.4700, 91.5802



67.9086, 72.4700, 103.1086



75.6224, 72.4700, 67.4614



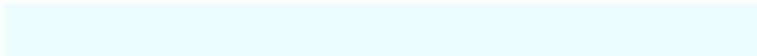
69.8617, 72.4700, 58.8246

Sweetspot

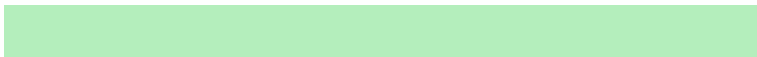
The Sweet Spot groups the original color and five complimentary colors.



62.5539, 72.4729, 91.5818



88.0050, 95.2101, 108.3468



58.4466, 74.4730, 58.7221



18.7128, 20.2938, 23.1808



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.



62.5539, 72.4729, 91.5818



69.7108, 82.2359, 106.8067



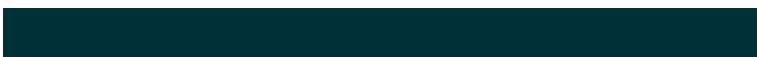
55.2052, 57.7755, 89.1323



16.0507, 17.5355, 20.2603



20.8854, 27.9950, 49.4307



1.7882, 2.4304, 4.1291

Inverse Universe

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



65.8658, 56.5344, 82.3070



74.2255, 60.9087, 94.0736



68.2436, 70.9622, 53.2817



16.3550, 15.9917, 19.4258



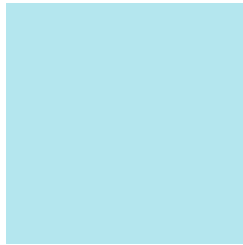
25.8676, 12.6195, 33.5489



2.1775, 1.0601, 2.9258

Previews

White Background



This preview shows how the XYZ color 62.5518, 72.4700, 91.5802 looks on a white background.

Color Contrast Check

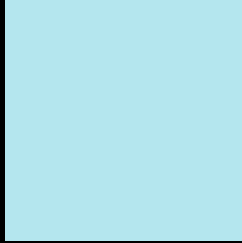
Large Text (above 18pt) WCAG AA × Fail

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 62.5518, 72.4700, 91.5802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

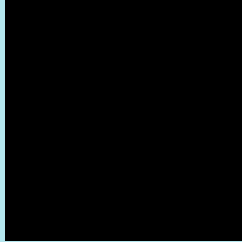
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5518, 72.4700, 91.5802

Background



This preview shows how black text looks on a background with the XYZ color 62.5518, 72.4700, 91.5802.

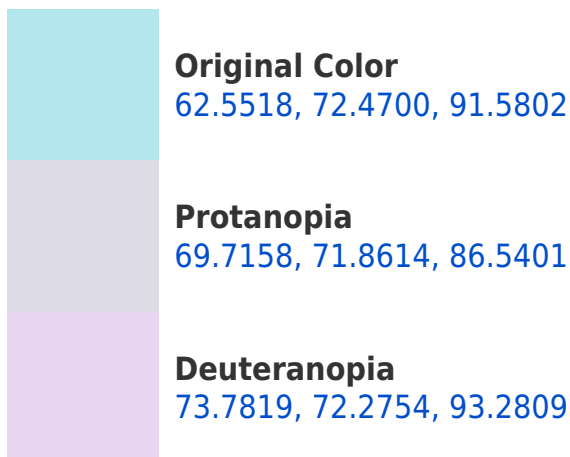


This preview shows how white text looks on a background with the XYZ color 62.5518, 72.4700,

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

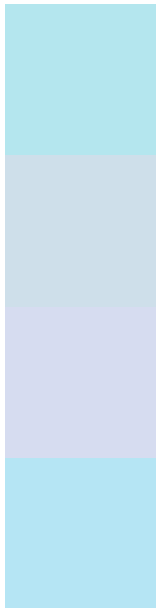




Tritanopia

64.0992, 72.6991, 98.6496

Trichromacy



Original Color

62.5518, 72.4700, 91.5802

Protanomaly

66.6926, 71.8377, 88.1929

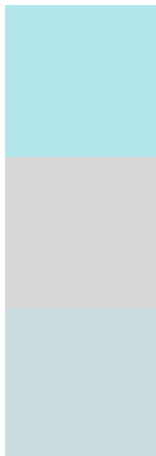
Deuteranomaly

69.0529, 71.7738, 92.6523

Tritanomaly

63.4045, 72.3940, 96.2196

Monochromacy



Original Color

62.5518, 72.4700, 91.5802

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.9396, 69.7912, 80.6221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5518, 72.4700, 91.5802 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(180, 230, 238)` looks like.

```
.text, #text, p{  
    color:rgb(180, 230, 238)  
}
```

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(180, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 230, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.5518, 72.4700, 91.5802 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(180, 230, 238) }
```


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

```
.border{ border-color:rgb(180, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 230, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 230, 238);  
box-shadow:4px 4px 4px 4px rgb(180, 230,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5518, 72.4700, 91.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 230, 238) }
```

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

```
.background{ background-color: rgb(180,  
230, 238) }
```

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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