

Converting Colors

XYZ(62.1910, 70.5115, 97.5210)

Have a look what the booklet for
XYZ(62.1910, 70.5115, 97.5210)
contains.

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Color

**XYZ(62.1910, 70.5115,
97.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E2F6
RGB	178, 226, 246
RGB Percent	70%, 89%, 96%
CMY	0.3019, 0.1137, 0.0353
CMYK	0.28, 0.08, 0.00, 0.04
HSL	198°, 79%, 83%
HSV	198°, 28%, 96%
XYZ	62.1910, 70.5115, 97.5210
YIQ	213.9280, -35.0280, -3.9560

Conversions

Conversions Part 2

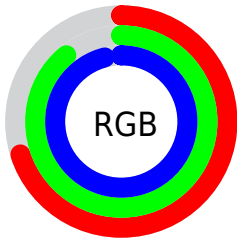
Format	Color
R _Y B	178, 206, 246
Decimal	11723510
CIE Lab	87.25, -10.95, -14.77
CIE LCh	87, 18.392, 233.445
Yxy	70.5115, 0.2701, 0.3063
Android (android.graphics.Color)	4289913590 (0xFFB2E2F6)
YUV	213.9280, 15.8115, -31.5089
Hunter-Lab	83.9711, -14.7482, -10.0775

Details

The XYZ color **62.1910, 70.5115, 97.5210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66.2369, 63.1959, 50.8281**, and the grayscale version is **63.7837, 67.1054, 73.0778**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **32.1694, 37.1286, 54.1862** is the 20% darker color. If you saturate the color by 10%, you get **55.1194, 64.0085, 96.6397**, and if you desaturate by 10%, it is **70.3620, 77.7079, 98.4806**.

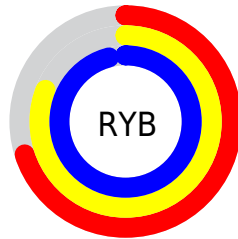
Distribution



Red (70%)

Green (89%)

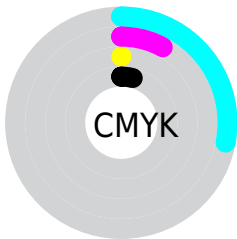
Blue (96%)



Red (70%)

Yellow (81%)

Blue (96%)

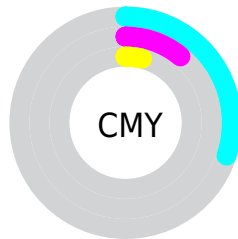


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1910, 70.5115, 97.5210 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 62.1910, 70.5115, 97.5210 by changing the saturation by 10% instead.

■ 62.1910, 70.5115,
97.5210

■ 62.1910, 70.5115,
97.5210

422.3339,
462.3439, 573.3938

■ 45.4432, 51.9436,
73.6265

■ 107.0899,
119.9379, 159.7683

■ 32.0095, 36.9602,
53.9935

135.9718,
151.5652, 198.9582

■ 21.5243, 25.1766,
38.2033

169.6290,
188.3145, 244.0838

■ 13.6224, 16.2087,
25.8375

208.4271,
230.5701, 295.5634

■ 7.9385, 9.6720,
16.4774

252.7312,
278.7165, 353.8157

■ 4.1071, 5.1820,
9.7046

302.9068,

■ 1.7629, 2.3544,

333.1380, 419.2591

5.1005

359.3193,
394.2190, 492.3123

■ 0.4952, 0.8023,
2.2466

■ 0.0000, 0.0000,
0.7011

■ 62.1910, 70.5115,
97.5210

■ 62.1910, 70.5115,
97.5210

■ 55.1194, 64.0085,
96.6397

■ 70.3620, 77.7079,
98.4806

■ 49.0856, 58.1606,
95.8290

■ 79.6772, 85.6171,
99.5162

■ 44.0317, 52.9380,
95.0873

■ 90.1862, 94.2679,
100.6321

■ 39.8909, 48.3048,
94.4112

■ 93.6163, 99.3971,
101.4414

■ 36.5875, 44.2203,
93.7969

■ 93.6348, 99.4339,
101.4475

■ 34.0326, 40.6372,
93.2400

■ 32.1081, 37.4928,
92.7345

■ 31.7046, 36.7935,
92.6208

Harmonies

Analogous

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



59.6813, 70.5115, 86.6376



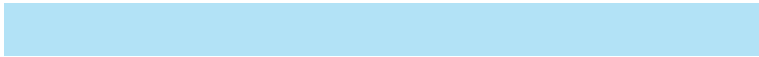
62.1910, 70.5115, 97.5210



66.0750, 70.5115, 102.9259

Triad

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



62.1910, 70.5115, 97.5210



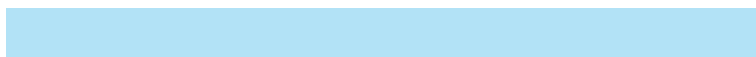
75.6174, 70.5115, 79.5238



63.7672, 70.5115, 56.9469

Complementary

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



62.1910, 70.5115, 97.5210



66.2369, 63.1959, 50.8281

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.



67.9721, 70.5115, 55.4774



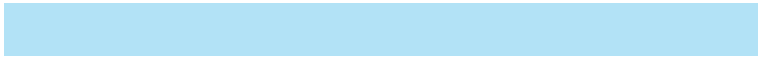
62.1910, 70.5115, 97.5210



74.9349, 70.5115, 67.6909

Square

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



62.1910, 70.5115, 97.5210



73.9177, 70.5115, 91.8383



72.0908, 70.5115, 59.2020



60.5636, 70.5115, 63.4561

Rectangle

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



62.1910, 70.5115, 97.5210



68.9697, 70.5115, 102.3232



72.0908, 70.5115, 59.2020



65.1056, 70.5115, 55.8783

Sweetspot

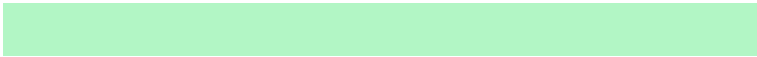
The Sweet Spot groups the original color and five complimentary colors.



62.1931, 70.5143, 97.5226



86.0549, 92.5660, 107.9392



61.4260, 79.4213, 65.0777



18.0773, 19.5261, 23.0661



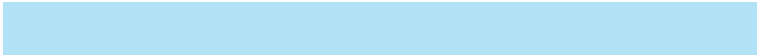
0.0000, 0.0000, 0.0000



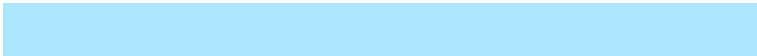
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1931, 70.5143, 97.5226



63.1792, 72.5956, 105.2902



54.0073, 54.1426, 94.7940



16.5611, 17.8865, 21.1222



17.0499, 19.8936, 49.4792



1.5873, 1.9260, 4.3783

Inverse Universe

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



67.6556, 56.9264, 79.3767



70.0931, 56.0566, 82.1750



74.6939, 80.1098, 53.6471



16.9938, 16.6804, 19.7140



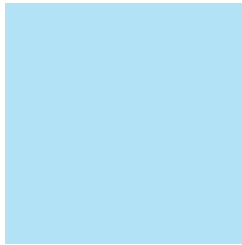
24.4105, 12.1076, 22.6679



2.1902, 1.0821, 2.2282

Previews

White Background



This preview shows how the XYZ color 62.1910, 70.5115, 97.5210 looks on a white background.

Color Contrast Check

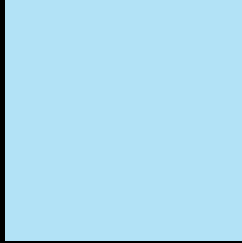
Large Text (above 18pt) WCAG AA × Fail

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 62.1910, 70.5115, 97.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

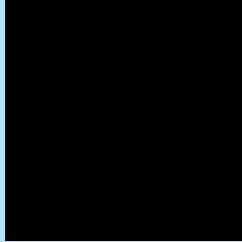
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1910, 70.5115, 97.5210

Background



This preview shows how black text looks on a background with the XYZ color 62.1910, 70.5115, 97.5210.

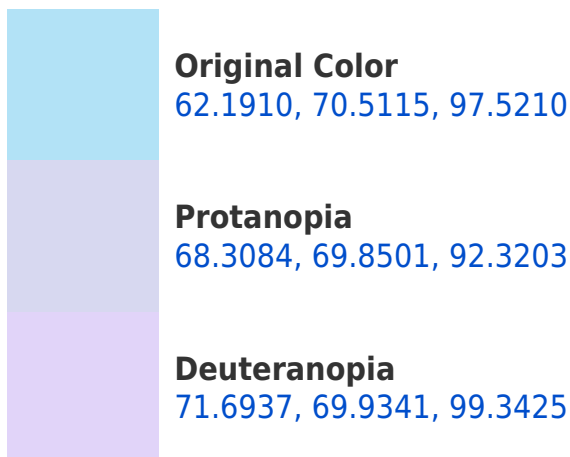


This preview shows how white text looks on a background with the XYZ color 62.1910, 70.5115,

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

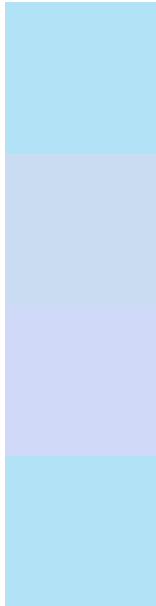




Tritanopia

61.8856, 70.3893, 95.9127

Trichromacy



Original Color

62.1910, 70.5115, 97.5210

Protanomaly

65.9773, 70.1538, 94.0681

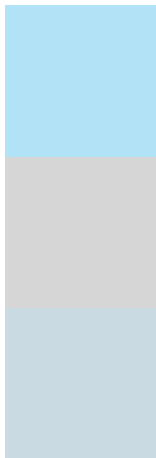
Deuteranomaly

67.7686, 69.8129, 98.7104

Tritanomaly

62.0379, 70.4503, 96.7147

Monochromacy



Original Color

62.1910, 70.5115, 97.5210

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8863, 68.0513, 81.7723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1910, 70.5115, 97.5210 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(178, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(178, 226, 246)  
}
```

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(178, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 226, 246) }
```

Border

The CSS property to change the border of an element to XYZ 62.1910, 70.5115, 97.5210 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(178, 226, 246) }
```


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

```
.border{ border-color:rgb(178, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(178, 226,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1910, 70.5115, 97.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 226, 246) }
```

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

```
.background{ background-color: rgb(178,  
226, 246) }
```

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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