

Converting Colors

XYZ(62.4771, 77.4921, 95.6690)

Have a look what the booklet for
XYZ(62.4771, 77.4921, 95.6690)
contains.

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Color

**XYZ(62.4771, 77.4921,
95.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F2F2
RGB	161, 242, 242
RGB Percent	63%, 95%, 95%
CMY	0.3686, 0.0510, 0.0510
CMYK	0.33, 0.00, 0.00, 0.05
HSL	180°, 76%, 79%
HSV	180°, 33%, 95%
XYZ	62.4771, 77.4921, 95.6690
YIQ	217.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

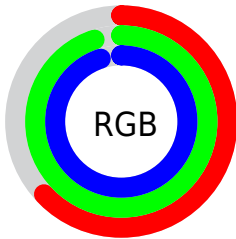
Format	Color
RYB	161, 202, 242
Decimal	10613490
CIELab	90.55, -24.52, -7.86
CIElCh	91, 25.744, 197.766
Yxy	77.4921, 0.2651, 0.3289
Android (android.graphics.Color)	4288803570 (0xFFA1F2F2)
YUV	217.7810, 11.9400, -49.7969
Hunter-Lab	88.0296, -27.3653, -2.8146

Details

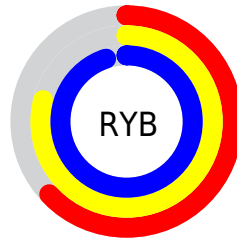
The XYZ color **62.4771, 77.4921, 95.6690** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.7985, 46.9425, 39.8411**, and the grayscale version is **66.4358, 69.8956, 76.1163**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **32.2475, 41.6662, 52.7971** is the 20% darker color. If you saturate the color by 10%, you get **58.0649, 75.2194, 95.4636**, and if you desaturate by 10%, it is **67.8377, 80.2575, 95.9222**.

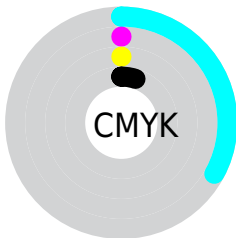
Distribution



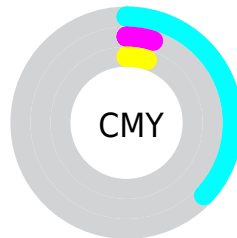
- Red (63%)
- Green (95%)
- Blue (95%)



- Red (63%)
- Yellow (79%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4771, 77.4921, 95.6690 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 62.4771, 77.4921, 95.6690 by changing the saturation by 10% instead.

62.4771, 77.4921,
95.6690

62.4771, 77.4921,
95.6690

423.3592,
486.4402, 567.3435

45.6754, 57.6568,
72.0919

107.5008,
129.8339, 157.1921

32.1933, 41.5328,
52.7465

136.4535,
163.1092, 195.9751

21.6654, 28.7357,
37.2141

170.1873,
201.6334, 240.6640

13.7265, 18.8809,
25.0762

209.0675,
245.7908, 291.6771

8.0111, 11.5843,
15.9143

253.4594,
295.9657, 349.4331

4.1539, 6.4613,
9.3098

303.7284,

1.7896, 3.1275,

352.5427, 414.3504

4.8443

360.2399,
415.9061, 486.8477

■ 0.5114, 1.1987,
2.0990

■ 0.0000, 0.0606,
0.6152

■ 62.4771, 77.4921,
95.6690

■ 62.4771, 77.4921,
95.6690

■ 58.0649, 75.2194,
95.4636

■ 67.8377, 80.2575,
95.9222

■ 54.5395, 73.4021,
95.2980


■ 74.1900, 83.5322,
96.2201


■ 51.8430, 72.0120,
95.1712


■ 81.5832, 87.3435,
96.5667


■ 49.9077, 71.0143,
95.0800


■ 89.0211, 91.1779,
96.9154


 48.6552, 70.3686,
95.0208


 89.0213, 91.1780,
96.9160


 47.9903, 70.0259,
94.9891

 89.0214, 91.1780,
96.9166

 47.7799, 69.9174,
94.9788

 89.0215, 91.1780,
96.9172

 89.0216, 91.1781,
96.9178

 89.0217, 91.1781,
96.9184

Harmonies

Analogous

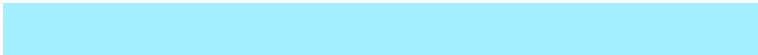
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.2002, 77.4921, 77.0801



62.4771, 77.4921, 95.6690



65.6383, 77.4921, 113.4592

Triad

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



62.4771, 77.4921, 95.6690



83.2105, 77.4921, 110.5352



76.3098, 77.4921, 54.2399

Complementary

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



62.4771, 77.4921, 95.6690



55.7985, 46.9425, 39.8411

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.



82.2968, 77.4921, 60.7425



62.4771, 77.4921, 95.6690



86.4338, 77.4921, 92.1178

Square

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



62.4771, 77.4921, 95.6690



77.4983, 77.4921, 122.8652



86.0900, 77.4921, 74.0081



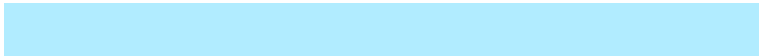
69.9388, 77.4921, 54.9026

Rectangle

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



62.4771, 77.4921, 95.6690



69.0659, 77.4921, 121.6541



86.0900, 77.4921, 74.0081



78.4407, 77.4921, 55.6158

Sweetspot

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



62.4794, 77.4952, 95.6708



86.2828, 95.4803, 108.4890



53.1590, 73.7986, 45.1628



18.2251, 20.3115, 23.2097



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

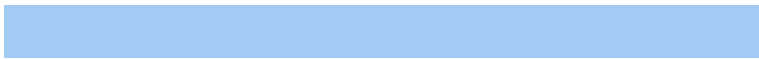
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4794, 77.4952, 95.6708



66.9463, 85.5121, 107.5820



52.0478, 56.6315, 92.1955



16.2474, 17.9290, 20.3258



25.6667, 37.5587, 51.0214



2.1352, 3.1245, 4.2445

Inverse Universe

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



55.7985, 46.9425, 39.8411



58.3813, 46.3425, 36.0064



63.7428, 62.8313, 42.4880



15.7729, 15.7589, 16.3603



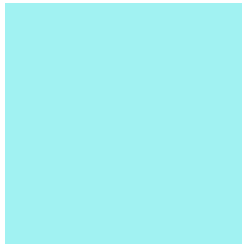
19.6715, 10.1410, 0.9208



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 62.4771, 77.4921, 95.6690 looks on a white background.

Color Contrast Check

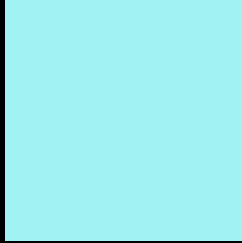
Large Text (above 18pt) WCAG AA × Fail

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 62.4771, 77.4921, 95.6690 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 62.4771, 77.4921, 95.6690

Background



This preview shows how black text looks on a background with the XYZ color 62.4771, 77.4921, 95.6690.



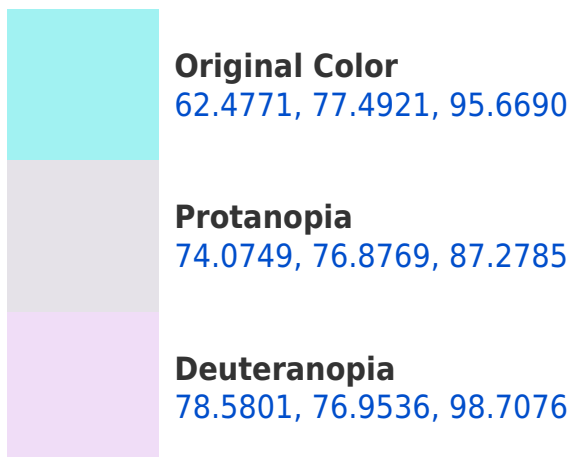
This preview shows how white text looks on a background with the XYZ color 62.4771, 77.4921,

95.6690.

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

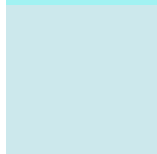
66.0801, 77.3677, 106.0584

Trichromacy



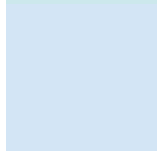
Original Color

62.4771, 77.4921, 95.6690



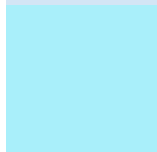
Protanomaly

68.8988, 76.6067, 90.5121



Deuteranomaly

71.3647, 76.4801, 97.3870



Tritanomaly

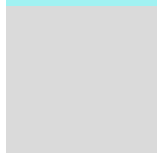
64.4840, 77.0701, 101.9198

Monochromacy



Original Color

62.4771, 77.4921, 95.6690



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.3602, 72.3545, 83.2467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4771, 77.4921, 95.6690 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(161, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(161, 242, 242)  
}
```

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(161, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 62.4771, 77.4921, 95.6690 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(161, 242, 242) }
```


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

```
.border{ border-color:rgb(161, 242, 242) }
```

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

Here you see how a box with a 4 pixel rgb(161, 242, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(161, 242,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4771, 77.4921, 95.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 242, 242) }
```

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

```
.background{ background-color: rgb(161,  
242, 242) }
```

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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