

Converting Colors

XYZ(61.7861, 75.5118, 92.2373)

Have a look what the booklet for
XYZ(61.7861, 75.5118, 92.2373)
contains.

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Color

**XYZ(61.7330, 75.4291,
92.1945)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EEEE
RGB	166, 238, 238
RGB Percent	65%, 93%, 93%
CMY	0.3490, 0.0666, 0.0667
CMYK	0.30, 0.00, 0.00, 0.07
HSL	180°, 68%, 79%
HSV	180°, 30%, 93%
XYZ	61.7330, 75.4291, 92.1945
YIQ	216.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

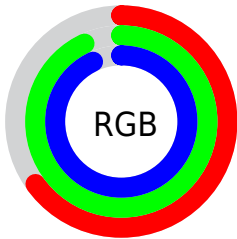
Format	Color
R_{YB}	166, 202, 238
Decimal	10940142
CIE _{Lab}	89.59, -22.14, -7.15
CIE _{LCh}	90, 23.263, 197.906
Yxy	75.4291, 0.2692, 0.3289
Android (android.graphics.Color)	4289130222 (0xFFA6EEEE)
YUV	216.4720, 10.6133, -44.2639
Hunter-Lab	86.8499, -25.1094, -2.1436

Details

The XYZ color **61.7330, 75.4291, 92.1945** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.7816, 48.2049, 42.4437**, and the grayscale version is **65.5447, 68.9581, 75.0954**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **31.7270, 40.2128, 50.3456** is the 20% darker color. If you saturate the color by 10%, you get **57.1987, 73.0935, 91.9832**, and if you desaturate by 10%, it is **67.1950, 78.2467, 92.4525**.

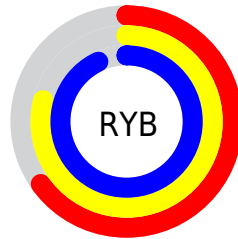
Distribution



Red (65%)

Green (93%)

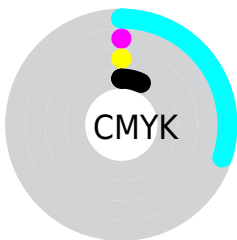
Blue (93%)



Red (65%)

Yellow (79%)

Blue (93%)

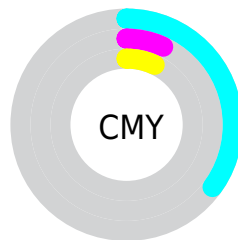


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7330, 75.4291, 92.1945 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 61.7330, 75.4291, 92.1945 by changing the saturation by 10% instead.

61.7330, 75.4291,
92.1945

61.7330, 75.4291,
92.1945

420.6896,
479.3911, 555.8972

45.0718, 55.9645,
69.2183

106.4317,
126.9196, 152.3450

31.7155, 40.1745,
50.4166

135.1998,
159.7143, 190.3563

21.2988, 27.6746,
35.3710

168.7343,
197.7211, 234.2164

13.4563, 18.0805,
23.6630

207.4005,
241.3244, 284.3437

7.8226, 11.0078,
14.8739

251.5638,
290.9087, 341.1570

4.0325, 6.0721,
8.5853

301.5895,

1.7205, 2.8890,

346.8583, 405.0746

4.3786

357.8430,
409.5577, 476.5151

■ 0.4691, 1.0740,
1.8353

■ 0.0000, 0.0000,
0.4511

■ 61.7330, 75.4291,
92.1945

■ 61.7330, 75.4291,
92.1945

■ 57.1987, 73.0935,
91.9832

■ 67.1950, 78.2467,
92.4525

■ 53.5344, 71.2045,
91.8110

■ 73.6251, 81.5615,
92.7541

■ 50.6863, 69.7363,
91.6770

■ 81.0693, 85.3992,
93.1032

■ 48.5921, 68.6567,
91.5783

■ 87.2492, 88.5850,
93.3931

■ 47.1803, 67.9289,
91.5115

■ 87.2494, 88.5851,
93.3938

■ 46.3658, 67.5090,
91.4727

■ 87.2495, 88.5851,
93.3946

■ 46.0077, 67.3244,
91.4552

■ 87.2496, 88.5852,
93.3953

■ 87.2498, 88.5852,
93.3960

■ 87.2499, 88.5853,
93.3967

Harmonies

Analogous

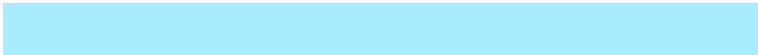
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4723, 75.4291, 75.7082



61.7330, 75.4291, 92.1945



64.5735, 75.4291, 107.7768

Triad

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



61.7330, 75.4291, 92.1945



80.1638, 75.4291, 105.0937



74.0211, 75.4291, 55.0310

Complementary

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



61.7330, 75.4291, 92.1945



55.7816, 48.2049, 42.4437

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.



79.3177, 75.4291, 60.9125



61.7330, 75.4291, 92.1945



82.9884, 75.4291, 88.9039

Square

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



61.7330, 75.4291, 92.1945



75.1264, 75.4291, 115.8782



82.6707, 75.4291, 72.8250



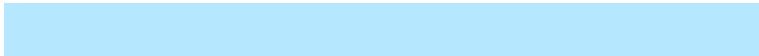
68.3660, 75.4291, 55.6661

Rectangle

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



61.7330, 75.4291, 92.1945



67.6373, 75.4291, 114.8911



82.6707, 75.4291, 72.8250



75.9079, 75.4291, 56.2755

Sweetspot

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



61.7352, 75.4321, 92.1962



87.1048, 95.9041, 108.5274



53.4383, 72.1426, 47.1863



18.3888, 20.3959, 23.2174



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

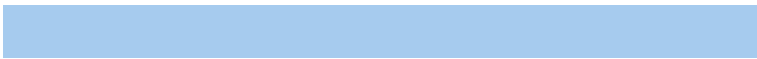
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7352, 75.4321, 92.1962



68.9547, 86.5474, 107.6757



52.5639, 57.0888, 89.1412



16.2474, 17.9290, 20.3258



25.6666, 37.5587, 51.0207



2.1352, 3.1245, 4.2445

Inverse Universe

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



55.7816, 48.2049, 42.4437



61.0019, 50.1771, 41.2161



62.9855, 62.6130, 44.8437



15.7729, 15.7589, 16.3603



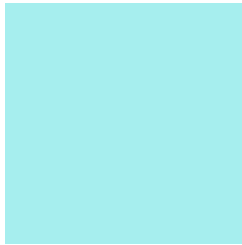
19.6715, 10.1410, 0.9208



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 61.7330, 75.4291, 92.1945 looks on a white background.

Color Contrast Check

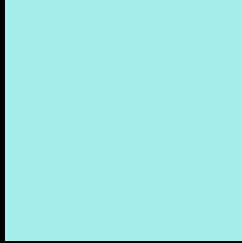
Large Text (above 18pt) WCAG AA × Fail

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 61.7330, 75.4291, 92.1945 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

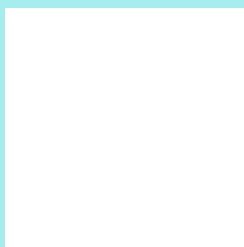
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7330, 75.4291, 92.1945

Background



This preview shows how black text looks on a background with the XYZ color 61.7330, 75.4291, 92.1945.

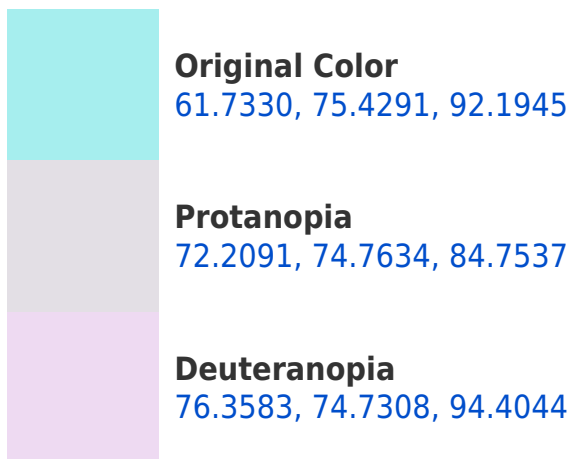


This preview shows how white text looks on a background with the XYZ color 61.7330, 75.4291,

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

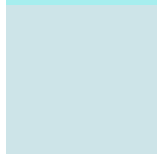
64.1753, 75.1185, 104.8828

Trichromacy



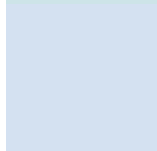
Original Color

61.7330, 75.4291, 92.1945



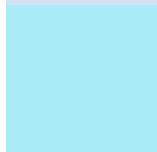
Protanomaly

67.4857, 74.2921, 87.1269



Deuteranomaly

69.9538, 74.1983, 93.8538



Tritanomaly

63.3009, 75.2032, 99.9863

Monochromacy



Original Color

61.7330, 75.4291, 92.1945



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.3989, 70.6989, 80.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7330, 75.4291, 92.1945 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(166, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(166, 238, 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(166, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 61.7330, 75.4291, 92.1945 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(166, 238, 238) }
```


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

```
.border{ border-color:rgb(166, 238, 238) }
```

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

Here you see how a box with a 4 pixel rgb(166, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(166, 238,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7330, 75.4291, 92.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 238, 238) }
```

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

```
.background{ background-color: rgb(166,  
238, 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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