

Converting Colors

XYZ(61.6003, 75.5500, 87.0946)

Have a look what the booklet for
XYZ(61.6003, 75.5500, 87.0946)
contains.

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Color

**XYZ(61.5759, 75.4646,
86.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEE7
RGB	170, 238, 231
RGB Percent	67%, 93%, 91%
CMY	0.3333, 0.0666, 0.0941
CMYK	0.29, 0.00, 0.03, 0.07
HSL	174°, 67%, 80%
HSV	174°, 29%, 93%
XYZ	61.5759, 75.4646, 86.9220
YIQ	216.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

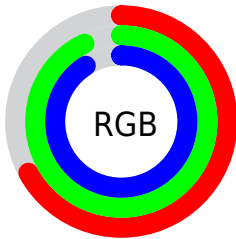
Format	Color
RYB	170, 206, 238
Decimal	11202279
CIELab	89.61, -22.58, -3.45
CIELCh	90, 22.837, 188.679
Yxy	75.4646, 0.2749, 0.3370
Android (android.graphics.Color)	4289392359 (0xFFAAEEE7)
YUV	216.8700, 6.9661, -41.1050
Hunter-Lab	86.8704, -25.4978, 1.4840

Details

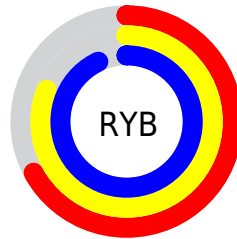
The XYZ color **61.5759, 75.4646, 86.9220** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5731, 50.1031, 48.2344**, and the grayscale version is **65.8386, 69.2674, 75.4322**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.5360, 40.1959, 46.6539** is the 20% darker color. If you saturate the color by 10%, you get **56.5461, 72.9133, 84.8936**, and if you desaturate by 10%, it is **67.5463, 78.5041, 89.0230**.

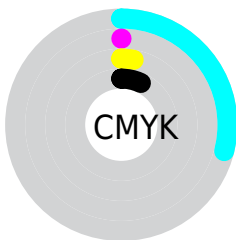
Distribution



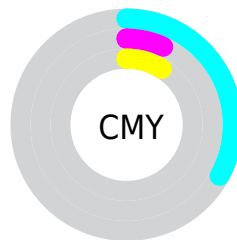
- Red (67%)
- Green (93%)
- Blue (91%)



- Red (67%)
- Yellow (81%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5759, 75.4646, 86.9220 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 61.5759, 75.4646, 86.9220 by changing the saturation by 10% instead.

61.5759, 75.4646,
86.9220

61.5759, 75.4646,
86.9220

420.1247,
479.5129, 538.2761

44.9444, 55.9936,
64.8714

106.2058,
126.9698, 144.9533

31.6147, 40.1978,
46.9061

134.9348,
159.7728, 181.7711

21.2215, 27.6928,
32.6076

168.4271,
197.7886, 224.3484

13.3994, 18.0942,
21.5574

207.0480,
241.4015, 273.1037

7.7830, 11.0176,
13.3368

251.1629,
290.9960, 328.4556

4.0071, 6.0787,
7.5275

301.1370,

1.7061, 2.8930,

346.9565, 390.8226

3.7107

357.3358,
409.6673, 460.6233

0.4601, 1.0761,
1.4680

0.0000, 0.0000,
0.1939

61.5759, 75.4646,
86.9220

61.5759, 75.4646,
86.9220

56.5461, 72.9133,
84.8936

67.5463, 78.5041,
89.0230

52.4001, 70.8151,
82.9302


74.4973, 82.0466,
91.1936


49.0849, 69.1447,
81.0307


82.4744, 86.1176,
93.4378


46.5395, 67.8705,
79.1923


87.6640, 88.7509,
95.5771

 44.6940, 66.9566,
77.4115


 88.0323, 88.8982,
97.5165


 43.4661, 66.3606,
75.6844


 88.4055, 89.0475,
99.4820

 42.7362, 66.0207,
74.0053

 88.7837, 89.1988,
101.4736

 42.6490, 65.9809,
73.7683

 89.1669, 89.3521,
103.4914

 89.5551, 89.5074,
105.5356

Harmonies

Analogous

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



62.1333, 75.4646, 71.4319



61.5759, 75.4646, 86.9220



63.6253, 75.4646, 103.0432

Triad

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



61.5759, 75.4646, 86.9220



78.6869, 75.4646, 108.7434



75.7239, 75.4646, 56.6018

Complementary

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



61.5759, 75.4646, 86.9220



57.5731, 50.1031, 48.2344

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.



80.4885, 75.4646, 64.3218



61.5759, 75.4646, 86.9220



82.2603, 75.4646, 93.9295

Square

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



61.5759, 75.4646, 86.9220



73.3681, 75.4646, 116.6760



82.9362, 75.4646, 77.5908



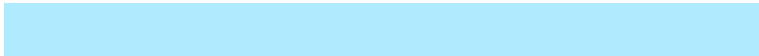
70.1102, 75.4646, 55.2385

Rectangle

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



61.5759, 75.4646, 86.9220



66.2603, 75.4646, 111.5094



82.9362, 75.4646, 77.5908



77.4861, 75.4646, 58.4861

Sweetspot

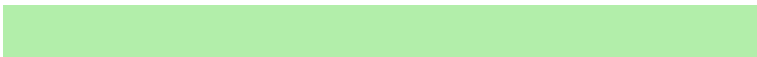
The Sweet Spot groups the original color and five complimentary colors.



61.5781, 75.4677, 86.9237



86.7267, 95.7529, 106.5364



56.1773, 73.5115, 49.2600



18.2949, 20.3583, 22.7228



0.0000, 0.0000, 0.0000



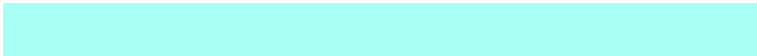
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5781, 75.4677, 86.9237



68.6179, 86.5360, 100.3330



55.5393, 61.7753, 89.8889



16.1731, 17.8993, 19.9345



23.8211, 36.8205, 41.3025



2.0017, 3.0711, 3.5415

Inverse Universe

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



57.5731, 50.1031, 48.2344



63.2567, 52.5596, 48.5255



62.2731, 60.5919, 46.4450



15.8389, 15.7853, 16.7081



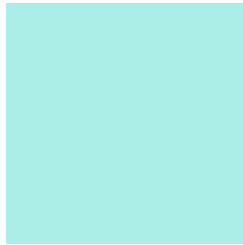
19.7882, 10.1877, 1.5354



1.6681, 0.8563, 0.2433

Previews

White Background



This preview shows how the XYZ color 61.5759, 75.4646, 86.9220 looks on a white background.

Color Contrast Check

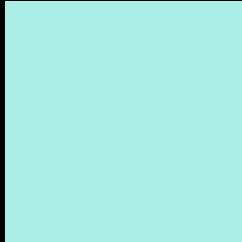
Large Text (above 18pt) WCAG AA × Fail

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 61.5759, 75.4646, 86.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

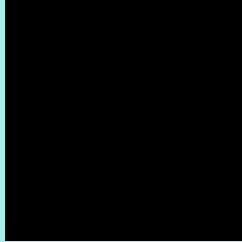
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

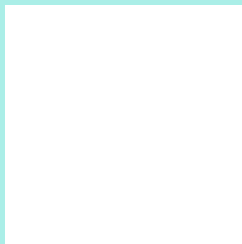
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5759, 75.4646, 86.9220

Background



This preview shows how black text looks on a background with the XYZ color 61.5759, 75.4646, 86.9220.



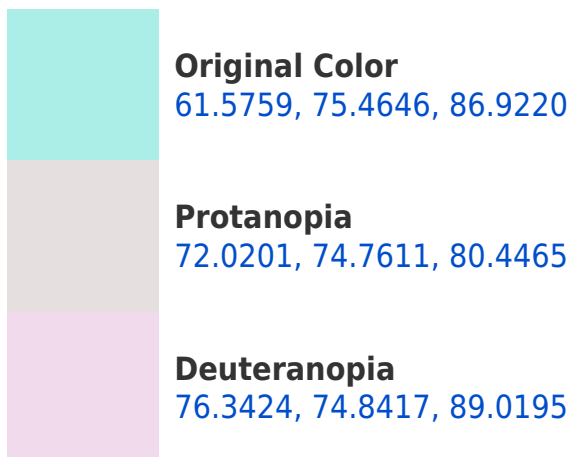
This preview shows how white text looks on a background with the XYZ color 61.5759, 75.4646,

86.9220.

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

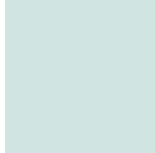
65.1171, 75.6225, 104.0931

Trichromacy



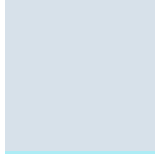
Original Color

61.5759, 75.4646, 86.9220



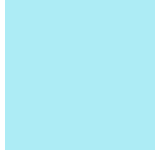
Protanomaly

67.4833, 74.3877, 82.7530



Deuteranomaly

69.8008, 74.2380, 88.4924



Tritanomaly

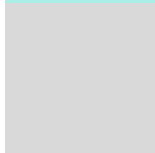
63.7105, 75.4677, 97.5950

Monochromacy



Original Color

61.5759, 75.4646, 86.9220



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.9294, 71.4037, 79.5201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5759, 75.4646, 86.9220 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(170, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 231)  
}
```

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(170, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.5759, 75.4646, 86.9220 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(170, 238, 231) }
```


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

```
.border{ border-color:rgb(170, 238, 231) }
```

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

Here you see how a box with a 4 pixel rgb(170, 238, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5759, 75.4646, 86.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 231) }
```

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

```
.background{ background-color: rgb(170,  
238, 231) }
```

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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