

Converting Colors

XYZ(61.9196, 77.6253, 82.8954)

Have a look what the booklet for
XYZ(61.9196, 77.6253, 82.8954)
contains.

XYZ(61.9203, 77.4866, 82.9270)	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(61.9203, 77.4866,
82.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF2E1
RGB	170, 242, 225
RGB Percent	67%, 95%, 88%
CMY	0.3333, 0.0510, 0.1176
CMYK	0.30, 0.00, 0.07, 0.05
HSL	166°, 73%, 81%
HSV	166°, 30%, 95%
XYZ	61.9203, 77.4866, 82.9270
YIQ	218.5340, -37.4550, -20.5510

Conversions

Conversions Part 2

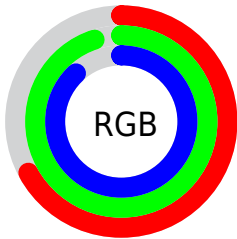
Format	Color
RYB	170, 211, 242
Decimal	11203297
CIELab	90.55, -25.80, 1.05
CIELCh	91, 25.822, 177.663
Yxy	77.4866, 0.2785, 0.3485
Android (android.graphics.Color)	4289393377 (0xFFAAF2E1)
YUV	218.5340, 3.1877, -42.5643
Hunter-Lab	88.0265, -28.4844, 5.7633

Details

The XYZ color **61.9203, 77.4866, 82.9270** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.9650, 51.2166, 53.7421**, and the grayscale version is **67.0082, 70.4979, 76.7722**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.8848, 41.6649, 44.3918** is the 20% darker color. If you saturate the color by 10%, you get **56.3964, 74.7296, 78.6679**, and if you desaturate by 10%, it is **68.4376, 80.7568, 87.3722**.

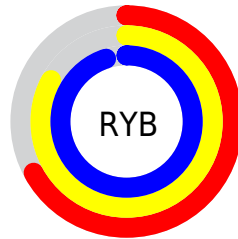
Distribution



Red (67%)

Green (95%)

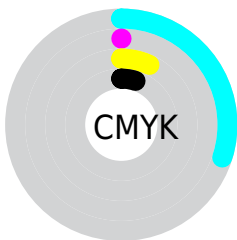
Blue (88%)



Red (67%)

Yellow (83%)

Blue (95%)

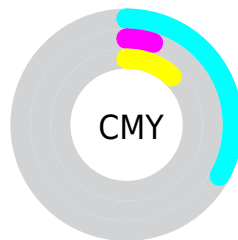


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (5%)



Cyan (33%)


Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9203, 77.4866, 82.9270 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 61.9203, 77.4866, 82.9270 by changing the saturation by 10% instead.


 61.9203, 77.4866,
82.9270

 61.9203, 77.4866,
82.9270


421.3625,
486.4215, 524.7078

 45.2237, 57.6523,
61.5897


 106.7009,
129.8261, 139.3215

 31.8357, 41.5292,
44.2676


135.5156,
163.1002, 175.2158

 21.3909, 28.7328,
30.5422


169.1004,
201.6230, 216.7995

 13.5242, 18.8788,
19.9950

207.8205,
245.7789, 264.4911

 7.8699, 11.5827,
12.2073

252.0415,
295.9523, 318.7092

 4.0629, 6.4602,
6.7608

302.1286,

 1.7378, 3.1269,

352.5276, 379.8724

3.2368

358.4471,
415.8892, 448.3990

0.4798, 1.1983,
1.2168

0.0000, 0.0603,
0.0000

61.9203, 77.4866,
82.9270

61.9203, 77.4866,
82.9270

56.3964, 74.7296,
78.6679

68.4376, 80.7568,
87.3722

51.8063, 72.4488,
74.5857

75.9909, 84.5560,
92.0017

48.0938, 70.6176,
70.6782

84.6281, 88.9110,
96.8208

45.1940, 69.2024,
66.9410

89.9153, 91.5358,
101.6231

■ 43.0327, 68.1651,
63.3692

■ 90.8151, 91.8957,
106.3614

■ 41.5219, 67.4602,
59.9573

■ 91.0435, 91.9871,
107.5645

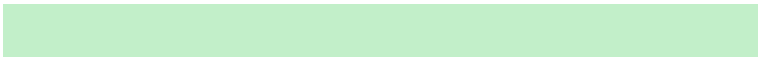
■ 40.5178, 67.0136,
56.6972

■ 40.4953, 67.0038,
56.6182

Harmonies

Analogous

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



63.6431, 77.4866, 66.7337



61.9203, 77.4866, 82.9270



63.1845, 77.4866, 101.9890

Triad

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



61.9203, 77.4866, 82.9270



79.5681, 77.4866, 119.9676



80.4957, 77.4866, 57.7378

Complementary

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



61.9203, 77.4866, 82.9270



59.9650, 51.2166, 53.7421

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.



85.2087, 77.4866, 68.9064



61.9203, 77.4866, 82.9270



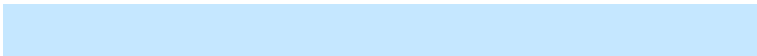
84.6516, 77.4866, 104.8676

Square

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



61.9203, 77.4866, 82.9270



73.1432, 77.4866, 125.1453



86.7718, 77.4866, 85.8291



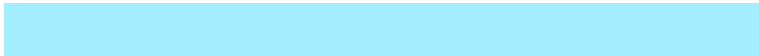
74.1565, 77.4866, 53.5799

Rectangle

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



61.9203, 77.4866, 82.9270



65.5947, 77.4866, 113.4964



86.7718, 77.4866, 85.8291



82.3364, 77.4866, 60.7084

Sweetspot

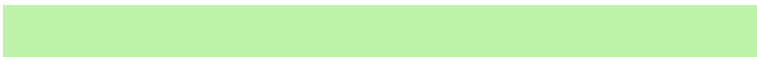
The Sweet Spot groups the original color and five complimentary colors.



61.9225, 77.4898, 82.9288



86.2445, 95.5600, 103.9973



59.7493, 77.1012, 49.7644



18.1754, 20.3105, 22.0936



0.0000, 0.0000, 0.0000



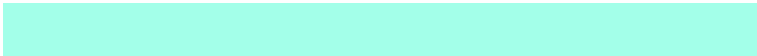
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9225, 77.4898, 82.9288



65.6593, 85.2293, 90.3223



59.2626, 68.2710, 94.0623



16.0784, 17.8614, 19.4359



21.8091, 36.0157, 30.7075



1.8524, 3.0114, 2.7549

Inverse Universe

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



59.9650, 51.2166, 53.7421



63.1168, 51.0231, 52.3534



61.8594, 57.7482, 45.9177



15.9258, 15.8200, 17.1653



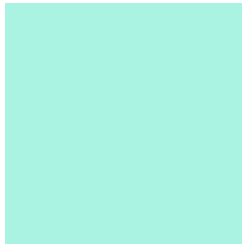
20.1141, 10.3181, 3.2514



1.7107, 0.8733, 0.4676

Previews

White Background



This preview shows how the XYZ color 61.9203, 77.4866, 82.9270 looks on a white background.

Color Contrast Check

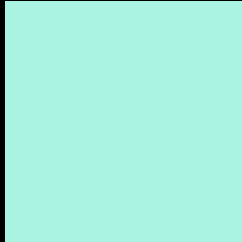
Large Text (above 18pt) WCAG AA × Fail

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 61.9203, 77.4866, 82.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

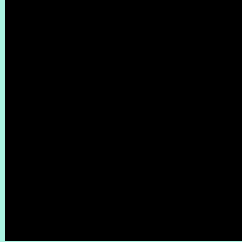
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

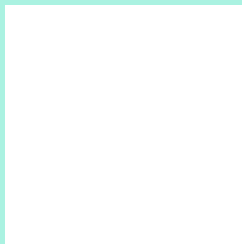
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9203, 77.4866, 82.9270

Background



This preview shows how black text looks on a background with the XYZ color 61.9203, 77.4866, 82.9270.



This preview shows how white text looks on a background with the XYZ color 61.9203, 77.4866,

82.9270.

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



Original Color

61.9203, 77.4866, 82.9270

Protanopia

73.5227, 76.8430, 75.9229

Deuteranopia

78.5875, 76.8560, 85.5556



Tritanopia

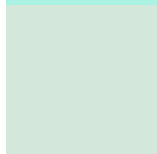
67.1566, 77.4917, 106.0256

Trichromacy



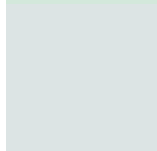
Original Color

61.9203, 77.4866, 82.9270



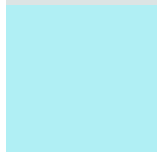
Protanomaly

68.5068, 76.6766, 78.2072



Deuteranomaly

71.2622, 76.3039, 84.3710



Tritanomaly

65.1001, 77.4948, 97.1148

Monochromacy



Original Color

61.9203, 77.4866, 82.9270



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.6076, 72.5761, 79.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9203, 77.4866, 82.9270 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, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(170, 242, 225)  
}
```

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, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 242, 225) }
```

Border

The CSS property to change the border of an element to XYZ 61.9203, 77.4866, 82.9270 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, 242, 225) }
```


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

```
.border{ border-color:rgb(170, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(170, 242,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9203, 77.4866, 82.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 242, 225) }
```

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

```
.background{ background-color: rgb(170,  
242, 225) }
```

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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