

Converting Colors

XYZ(60.5595, 76.7178, 85.9775)

Have a look what the booklet for
XYZ(60.5595, 76.7178, 85.9775)
contains.

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Color

**XYZ(60.5929, 76.7385,
85.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F2E5
RGB	161, 242, 229
RGB Percent	63%, 95%, 90%
CMY	0.3686, 0.0510, 0.1020
CMYK	0.33, 0.00, 0.05, 0.05
HSL	170°, 76%, 79%
HSV	170°, 33%, 95%
XYZ	60.5929, 76.7385, 85.7472
YIQ	216.2990, -44.1030, -21.2150

Conversions

Conversions Part 2

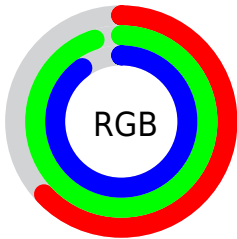
Format	Color
RYB	161, 205, 242
Decimal	10613477
CIELab	90.20, -27.44, -1.59
CIELCh	90, 27.483, 183.311
Yxy	76.7385, 0.2716, 0.3440
Android (android.graphics.Color)	4288803557 (0xFFA1F2E5)
YUV	216.2990, 6.2616, -48.4972
Hunter-Lab	87.6005, -29.8332, 3.2847

Details

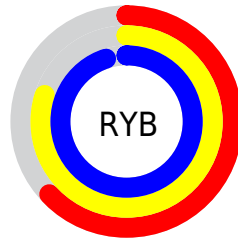
The XYZ color **60.5929, 76.7385, 85.7472** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.0054, 47.4250, 46.1967**, and the grayscale version is **65.4560, 68.8648, 74.9938**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **31.1427, 41.2380, 46.3627** is the 20% darker color. If you saturate the color by 10%, you get **55.6442, 74.2513, 82.7171**, and if you desaturate by 10%, it is **66.5019, 79.7233, 88.8890**.

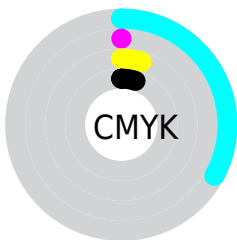
Distribution



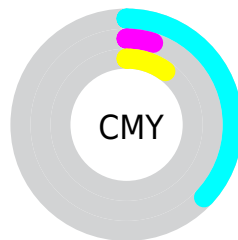
- Red (63%)
- Green (95%)
- Blue (90%)



- Red (63%)
- Yellow (80%)
- Blue (95%)



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





- Cyan (37%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5929, 76.7385, 85.7472 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 60.5929, 76.7385, 85.7472 by changing the saturation by 10% instead.


 60.5929, 76.7385,
85.7472


 60.5929, 76.7385,
85.7472


416.5796,
483.8720, 534.3062

 44.1480, 57.0383,
63.9053


 104.7907,
128.7703, 143.3001

 30.9853, 41.0360,
46.1282


 133.2744,
161.8706, 179.8481

 20.7394, 28.3472,
31.9976


166.5016,
200.2065, 222.1352

 13.0450, 18.5875,
21.0949

204.8378,
244.1622, 270.5800

 7.5368, 11.3726,
13.0015

248.6484,
294.1222, 325.6009

 3.8493, 6.3181,
7.2988

298.2986,

 1.6172, 3.0394,

350.4709, 387.6166

3.5684

354.1539,
413.5927, 457.0455

0.4036, 1.1524,
1.3917

0.0000, 0.0223,
0.1352

60.5929, 76.7385,
85.7472

60.5929, 76.7385,
85.7472

55.6442, 74.2513,
82.7171

66.5019, 79.7233,
88.8890

51.5945, 72.2242,
79.7903

73.4150, 83.2223,
92.1398

48.3857, 70.6292,
76.9655

81.3812, 87.2628,
95.5042

45.9500, 69.4314,
74.2389

89.4049, 91.3316,
98.9358

■ 44.2089, 68.5902,
71.6066

■ 90.0029, 91.5708,
102.0848

■ 43.0671, 68.0567,
69.0637

■ 90.6134, 91.8150,
105.2998

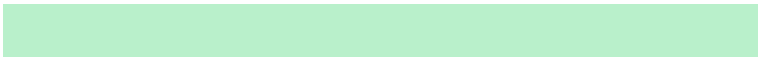
■ 42.5517, 67.8263,
67.4470

■ 91.0435, 91.9870,
107.5645

Harmonies

Analogous

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



61.8186, 76.7385, 67.7704



60.5929, 76.7385, 85.7472



62.5006, 76.7385, 105.9675

Triad

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



60.5929, 76.7385, 85.7472



80.3928, 76.7385, 119.1060



78.9986, 76.7385, 54.2465

Complementary

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



60.5929, 76.7385, 85.7472



57.0054, 47.4250, 46.1967

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.



84.4763, 76.7385, 64.5492



60.5929, 76.7385, 85.7472



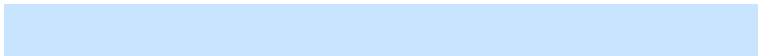
85.3159, 76.7385, 101.6184

Square

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



60.5929, 76.7385, 85.7472



73.6991, 76.7385, 127.0253



86.8546, 76.7385, 81.4008



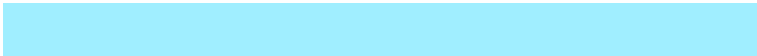
72.1815, 76.7385, 51.3416

Rectangle

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



60.5929, 76.7385, 85.7472



65.3669, 76.7385, 117.5022



86.8546, 76.7385, 81.4008



81.0715, 76.7385, 56.8707

Sweetspot

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



60.5951, 76.7416, 85.7490



85.6307, 95.2195, 105.0556



55.7546, 75.1369, 45.2838



18.0662, 20.2479, 22.3728



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.



60.5951, 76.7416, 85.7490



64.4217, 84.5022, 94.2875



55.0277, 62.5913, 93.1891



16.1320, 17.8828, 19.7180



22.9009, 36.4524, 36.4566



1.9340, 3.0441, 3.1850

Inverse Universe

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



57.0054, 47.4250, 46.1967



59.8278, 46.9211, 43.6236



61.0367, 57.4192, 41.5855



15.8763, 15.8002, 16.9046



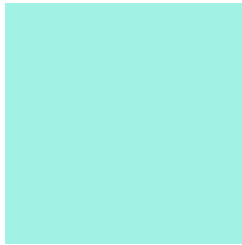
19.8991, 10.2321, 2.1194



1.6858, 0.8634, 0.3364

Previews

White Background



This preview shows how the XYZ color 60.5929, 76.7385, 85.7472 looks on a white background.

Color Contrast Check

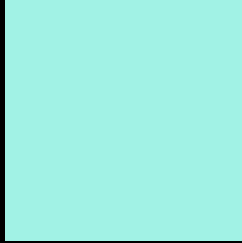
Large Text (above 18pt) WCAG AA × Fail

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 60.5929, 76.7385, 85.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

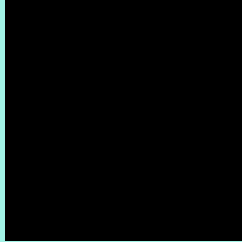
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5929, 76.7385, 85.7472

Background



This preview shows how black text looks on a background with the XYZ color 60.5929, 76.7385, 85.7472.



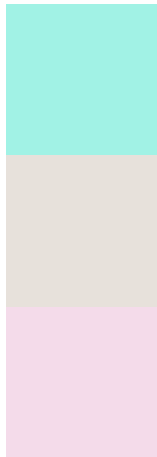
This preview shows how white text looks on a background with the XYZ color 60.5929, 76.7385,

85.7472.

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

60.5929, 76.7385, 85.7472

Protanopia

72.6664, 75.9538, 77.8485

Deuteranopia

77.4910, 75.8366, 88.3956



Tritanopia

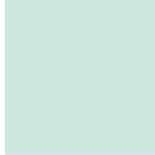
65.3474, 76.5590, 105.9409

Trichromacy



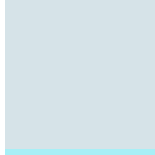
Original Color

60.5929, 76.7385, 85.7472



Protanomaly

67.3488, 75.6014, 80.8549



Deuteranomaly

69.7661, 75.0605, 87.1550



Tritanomaly

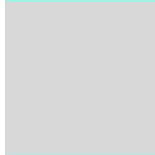
63.6495, 76.7117, 98.6409

Monochromacy



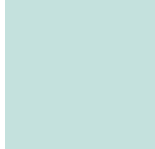
Original Color

60.5929, 76.7385, 85.7472



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.7413, 70.8066, 78.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5929, 76.7385, 85.7472 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 242, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 242, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.5929, 76.7385, 85.7472 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, 229) }
```


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

```
.border{ border-color:rgb(161, 242, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 242, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 242, 229); box-shadow:4px 4px 4px 4px rgb(161, 242, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5929, 76.7385, 85.7472 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, 229) }
```

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

```
.background{ background-color: rgb(161,  
242, 229) }
```

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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