

Converting Colors

XYZ(64.7582, 80.2348,
120.6698)

Have a look what the booklet for
XYZ(64.7582, 80.2348, 120.6698)
contains.

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Color

**XYZ(62.1260, 79.3170,
106.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF7FF
RGB	140, 247, 255
RGB Percent	55%, 97%, 100%
CMY	0.4510, 0.0314, 0.0000
CMYK	0.45, 0.03, 0.00, 0.00
HSL	184°, 100%, 77%
HSV	184°, 45%, 100%
XYZ	62.1260, 79.3170, 106.6431
YIQ	215.9190, -66.3400, -20.1960

Conversions

Conversions Part 2

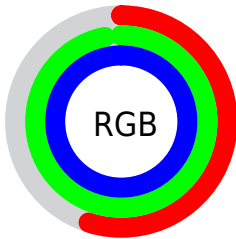
Format	Color
RYB	140, 195, 255
Decimal	9238527
CIELab	91.38, -28.91, -13.49
CIELCh	91, 31.899, 205.008
Yxy	79.3170, 0.2504, 0.3197
Android (android.graphics.Color)	4287428607 (0xFF8CF7FF)
YUV	215.9190, 19.2669, -66.5810
Hunter-Lab	89.0601, -31.3382, -8.6535

Details

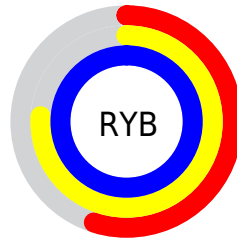
The XYZ color **62.1260, 79.3170, 106.6431** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.5641, 44.3337, 30.3889**, and the grayscale version is **65.1224, 68.5139, 74.6116**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **31.8309, 42.5664, 59.9645** is the 20% darker color. If you saturate the color by 10%, you get **57.7777, 76.2761, 106.2853**, and if you desaturate by 10%, it is **67.4792, 82.8873, 107.0501**.

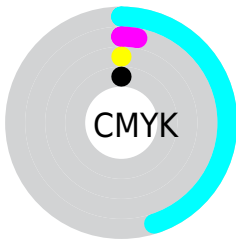
Distribution



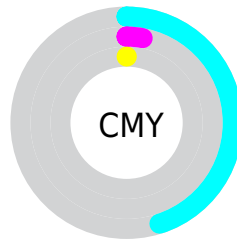
- Red (55%)
- Green (97%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1260, 79.3170, 106.6431 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 62.1260, 79.3170, 106.6431 by changing the saturation by 10% instead.

62.1260, 79.3170,
106.6431

62.1260, 79.3170,
106.6431

422.1008,
492.6281, 602.7152

45.3905, 59.1565,
81.2122

106.9965,
132.4050, 172.3880

31.9677, 42.7391,
60.1844

135.8623,
166.1013, 213.5391

21.4923, 29.6805,
43.1410

169.5021,
205.0784, 260.7674

13.5988, 19.5962,
29.6635

208.2815,
249.7205, 314.4914

7.9220, 12.1018,
19.3335

252.5657,
300.4122, 375.1296

4.0965, 6.8131,
11.7322

302.7200,

1.7568, 3.3455,

357.5377, 443.1006

6.4413

359.1100,
421.4816, 518.8230

■ 0.4915, 1.3146,
3.0421

■ 0.0000, 0.1525,
1.1162

■ 62.1260, 79.3170,
106.6431

■ 62.1260, 79.3170,
106.6431

■ 57.7777, 76.2761,
106.2853

■ 67.4792, 82.8873,
107.0501

■ 54.3582, 73.7198,
105.9721

■ 73.8940, 87.0108,
107.5079

■ 51.7907, 71.6103,
105.7003

■ 81.4304, 91.7201,
108.0196

■ 49.9837, 69.9005,
105.4655

■ 90.1421, 97.0430,
108.5879

■ 48.8237, 68.5318, 95.0500, 100.0000,
105.2624 108.9000

■ 48.4122, 67.9444,
105.1707

Harmonies

Analogous

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



60.9016, 79.3170, 82.5361



62.1260, 79.3170, 106.6431



66.7981, 79.3170, 128.3405

Triad

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



62.1260, 79.3170, 106.6431



88.8931, 79.3170, 114.5762



76.7530, 79.3170, 49.0869

Complementary

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



62.1260, 79.3170, 106.6431



56.5641, 44.3337, 30.3889

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.



84.6854, 79.3170, 54.7099



62.1260, 79.3170, 106.6431



92.0077, 79.3170, 90.3058

Square

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



62.1260, 79.3170, 106.6431



82.1720, 79.3170, 133.4659



90.4155, 79.3170, 68.8317



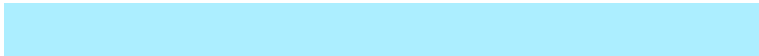
68.9889, 79.3170, 51.8944

Rectangle

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



62.1260, 79.3170, 106.6431



71.4276, 79.3170, 137.0610



90.4155, 79.3170, 68.8317



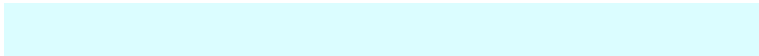
79.4930, 79.3170, 50.0192

Sweetspot

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



62.1281, 79.3200, 106.6435



82.3270, 92.2731, 108.0791



51.8954, 79.2236, 40.4373



17.2465, 19.5187, 23.1085



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

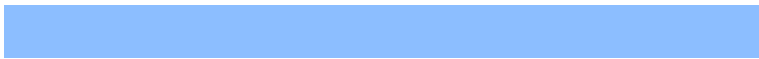
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1281, 79.3200, 106.6435



58.2078, 76.5852, 106.3223



47.2441, 49.5519, 101.6822



18.4404, 20.2524, 23.1871



25.3424, 35.5943, 54.9693



2.4986, 3.5280, 5.3625

Inverse Universe

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



67.4080, 46.7333, 93.4667



64.1828, 40.6712, 91.1946



67.8458, 66.8971, 34.1495



18.7349, 18.2773, 22.4873



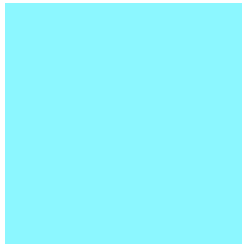
29.5798, 14.3212, 43.2994



2.8958, 1.4007, 4.2987

Previews

White Background



This preview shows how the XYZ color 62.1260, 79.3170, 106.6431 looks on a white background.

Color Contrast Check

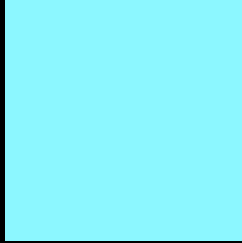
Large Text (above 18pt) WCAG AA × Fail

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 62.1260, 79.3170, 106.6431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

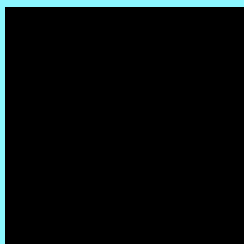
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1260, 79.3170, 106.6431

Background



This preview shows how black text looks on a background with the XYZ color 62.1260, 79.3170, 106.6431.

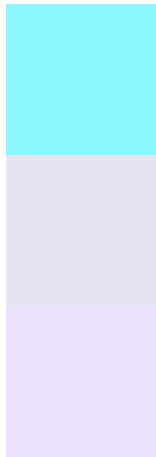


This preview shows how white text looks on a background with the XYZ color 62.1260, 79.3170,

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

62.1260, 79.3170, 106.6431

Protanopia

76.2342, 78.6159, 95.9504

Deuteranopia

78.9666, 78.1935, 105.5386



Tritanopia

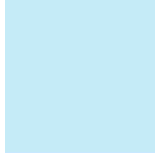
66.9609, 79.1293, 106.3520

Trichromacy



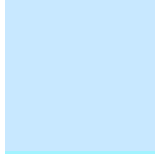
Original Color

62.1260, 79.3170, 106.6431



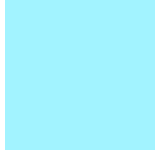
Protanomaly

69.5228, 78.0024, 99.3874



Deuteranomaly

70.7260, 77.2126, 105.7836



Tritanomaly

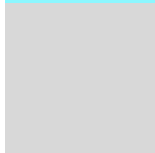
65.0009, 79.0026, 106.4309

Monochromacy



Original Color

62.1260, 79.3170, 106.6431



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.4911, 71.3427, 85.3398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1260, 79.3170, 106.6431 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(140, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 247, 255)  
}
```

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(140, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.1260, 79.3170, 106.6431 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(140, 247, 255) }
```


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

```
.border{ border-color:rgb(140, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(140, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1260, 79.3170, 106.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 247, 255) }
```

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

```
.background{ background-color: rgb(140,  
247, 255) }
```

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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