

Converting Colors

XYZ(75.1448, 87.9457,
175.1874)

Have a look what the booklet for
XYZ(75.1448, 87.9457, 175.1874)
contains.

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Color

**XYZ(62.0960, 82.5392,
107.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	7EFEFF
RGB	126, 254, 255
RGB Percent	49%, 100%, 100%
CMY	0.5059, 0.0039, 0.0000
CMYK	0.51, 0.00, 0.00, 0.00
HSL	180°, 100%, 75%
HSV	180°, 51%, 100%
XYZ	62.0960, 82.5392, 107.2666
YIQ	215.8420, -76.6090, -26.8250

Conversions

Conversions Part 2

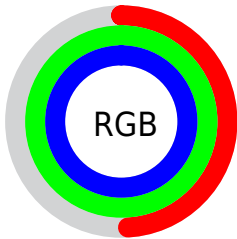
Format	Color
RYB	126, 190, 255
Decimal	8322815
CIELab	92.81, -35.16, -11.40
CIElCh	93, 36.964, 197.960
Yxy	82.5392, 0.2465, 0.3277
Android (android.graphics.Color)	4286512895 (0xFF7EFEFF)
YUV	215.8420, 19.3049, -78.7914
Hunter-Lab	90.8511, -36.9861, -6.4071

Details

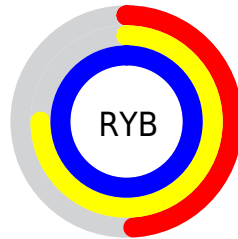
The XYZ color **62.0960, 82.5392, 107.2666** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.5960, 37.9458, 24.2929**, and the grayscale version is **65.0750, 68.4640, 74.5573**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **31.9629, 44.9395, 60.4157** is the 20% darker color. If you saturate the color by 10%, you get **58.7423, 80.7196, 107.0921**, and if you desaturate by 10%, it is **66.4123, 84.8591, 107.4869**.

Distribution



- Red (49%)
- Green (100%)
- Blue (100%)



- Red (49%)
- Yellow (75%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0960, 82.5392, 107.2666 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 62.0960, 82.5392, 107.2666 by changing the saturation by 10% instead.

62.0960, 82.5392,
107.2666

62.0960, 82.5392,
107.2666

421.9932,
503.4495, 604.6918

45.3662, 61.8101,
81.7323

106.9534,
136.9299, 173.2465

31.9484, 44.8793,
60.6104

135.8117,
171.3602, 214.5292

21.4775, 31.3623,
43.4823

169.4436,
211.1265, 261.8985

13.5879, 20.8749,
29.9295

208.2143,
256.6130, 315.7728

7.9144, 13.0326,
19.5335

252.4892,
308.2041, 376.5708

4.0916, 7.4510,
11.8757

302.6338,

1.7541, 3.7457,

366.2843, 444.7109

6.5376

359.0133,
431.2380, 520.6117

■ 0.4898, 1.5324,
3.1006

■ 0.0000, 0.3113,
1.1462

■ 62.0960, 82.5392,
107.2666

■ 62.0960, 82.5392,
107.2666

■ 58.7423, 80.7196,
107.0921

■ 66.4123, 84.8591,
107.4869

■ 56.2704, 79.3526,
106.9586

■ 71.7511, 87.7042,
107.7547

■ 54.5971, 78.3975,
106.8624

■ 78.1752, 91.1090,
108.0733

■ 53.6205, 77.8016,
106.7989

■ 85.7404, 95.1021,
108.4453

■ 53.1851, 77.4902,
106.7617

94.4989, 99.7104,
108.8732

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



61.6727, 82.5392, 79.2392



62.0960, 82.5392, 107.2666



66.6739, 82.5392, 135.3781

Triad

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



62.0960, 82.5392, 107.2666



93.0487, 82.5392, 130.3444



82.3842, 82.5392, 47.2859

Complementary

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



62.0960, 82.5392, 107.2666



52.5960, 37.9458, 24.2929

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.



91.5393, 82.5392, 55.9102



62.0960, 82.5392, 107.2666



98.0258, 82.5392, 101.4140

Square

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



62.0960, 82.5392, 107.2666



84.3106, 82.5392, 150.4679



97.4518, 82.5392, 74.4660



72.8694, 82.5392, 48.2174

Rectangle

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



62.0960, 82.5392, 107.2666



71.6943, 82.5392, 148.6512



97.4518, 82.5392, 74.4660



85.6194, 82.5392, 49.0766

Sweetspot

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



62.0982, 82.5423, 107.2671



82.2569, 93.2651, 108.2743



48.1314, 77.4626, 32.1558



17.2676, 19.7837, 23.1585



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.



62.0982, 82.5423, 107.2671



58.6229, 80.6542, 107.0858



45.1777, 48.7013, 101.6269



18.5422, 20.4560, 23.2211



27.7959, 40.5014, 55.7871



2.7101, 3.9510, 5.4330

Inverse Universe

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



66.5917, 43.3393, 98.6249



63.6018, 37.4121, 97.4663



63.5289, 59.8118, 27.9373



18.7863, 18.2978, 22.7579



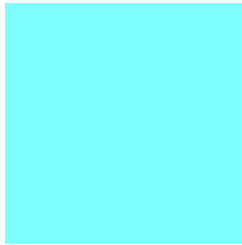
30.8183, 14.8166, 49.8210



3.0026, 1.4434, 4.8608

Previews

White Background



This preview shows how the XYZ color 62.0960, 82.5392, 107.2666 looks on a white background.

Color Contrast Check

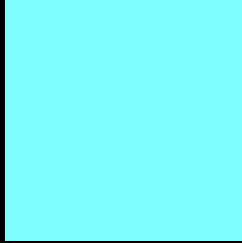
Large Text (above 18pt) WCAG AA × Fail

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 62.0960, 82.5392, 107.2666 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 62.0960, 82.5392, 107.2666

Background



This preview shows how black text looks on a background with the XYZ color 62.0960, 82.5392, 107.2666.

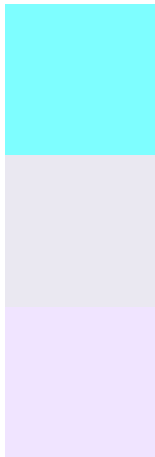


This preview shows how white text looks on a background with the XYZ color 62.0960, 82.5392,

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

62.0960, 82.5392, 107.2666

Protanopia

78.6655, 81.5565, 94.8150

Deuteranopia

81.7286, 81.2321, 105.9795



Tritanopia

70.3503, 81.7603, 106.6812

Trichromacy



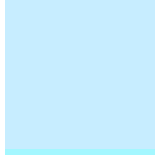
Original Color

62.0960, 82.5392, 107.2666



Protanomaly

70.3003, 80.5761, 99.0363



Deuteranomaly

71.8874, 79.9305, 106.2470



Tritanomaly

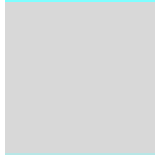
66.6206, 81.6340, 106.8534

Monochromacy



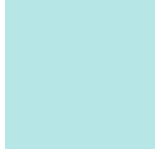
Original Color

62.0960, 82.5392, 107.2666



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.1082, 72.3741, 85.5591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0960, 82.5392, 107.2666 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(126, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 254, 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(126, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.0960, 82.5392, 107.2666 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(126, 254, 255) }
```


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

```
.border{ border-color:rgb(126, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0960, 82.5392, 107.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 254, 255) }
```

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

```
.background{ background-color: rgb(126,  
254, 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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