

Converting Colors

XYZ(62.5542, 82.5510,
107.2447)

Have a look what the booklet for
XYZ(62.5542, 82.5510, 107.2447)
contains.

XYZ(62.6977, 82.8494, 107.2948)	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(62.6977, 82.8494,
107.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	82FEFF
RGB	130, 254, 255
RGB Percent	51%, 100%, 100%
CMY	0.4902, 0.0039, 0.0000
CMYK	0.49, 0.00, 0.00, 0.00
HSL	180°, 100%, 75%
HSV	180°, 49%, 100%
XYZ	62.6977, 82.8494, 107.2948
YIQ	217.0380, -74.2250, -25.9770

Conversions

Conversions Part 2

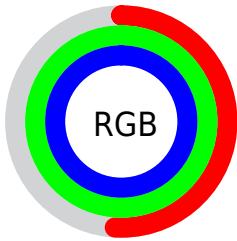
Format	Color
R_{YB}	130, 192, 255
Decimal	8584959
CIE _{Lab}	92.95, -34.35, -11.18
CIE _{LCh}	93, 36.127, 198.028
Y _{xy}	82.8494, 0.2480, 0.3277
Android (android.graphics.Color)	4286775039 (0xFF82FEFF)
YUV	217.0380, 18.7153, -76.3323
Hunter-Lab	91.0216, -36.3332, -6.1749

Details

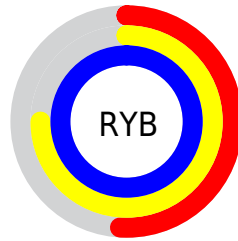
The XYZ color **62.6977, 82.8494, 107.2948** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.3861, 39.1049, 25.8553**, and the grayscale version is **65.8937, 69.3253, 75.4952**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **32.3393, 45.1335, 60.4333** is the 20% darker color. If you saturate the color by 10%, you get **59.1965, 80.9507, 107.1128**, and if you desaturate by 10%, it is **67.1724, 85.2539, 107.5230**.

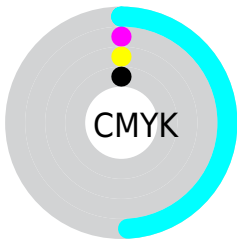
Distribution



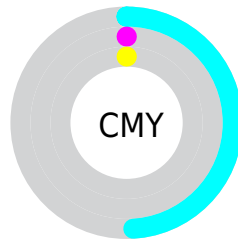
- Red (51%)
- Green (100%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6977, 82.8494, 107.2948 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 62.6977, 82.8494, 107.2948 by changing the saturation by 10% instead.


 62.6977, 82.8494,
107.2948

 62.6977, 82.8494,
107.2948


424.1487,
504.4845, 604.7811


 45.8544, 62.0659,
81.7558


 107.8175,
137.3645, 173.2853

 32.3351, 45.0860,
60.6296


 136.8248,
171.8649, 214.5740

 21.7744, 31.5251,
43.4977


 170.6174,
211.7065, 261.9496

 13.8069, 20.9991,
29.9415

209.5608,
257.2735, 315.8307

 8.0673, 13.1233,
19.5425

254.0202,
308.9504, 376.6359

 4.1902, 7.5135,
11.8822

304.3611,

 1.8103, 3.7853,

367.1216, 444.7836

6.5419

360.9488,
432.1715, 520.6925

0.5239, 1.5542,
3.1033

0.0000, 0.3264,
1.1476

62.6977, 82.8494,
107.2948

62.6977, 82.8494,
107.2948

59.1965, 80.9507,
107.1128

67.1724, 85.2539,
107.5230

56.5892, 79.5111,
106.9724

72.6796, 88.1888,
107.7993

54.7949, 78.4906,
106.8700

79.2811, 91.6880,
108.1267

53.7148, 77.8384,
106.8010

87.0321, 95.7799,
108.5080

■ 53.2029, 77.4793,
106.7587

95.0500, 100.0000,
108.9000

■ 53.1653, 77.4505,
106.7551

Harmonies

Analogous

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



62.2718, 82.8494, 79.8374



62.6977, 82.8494, 107.2948



67.2064, 82.8494, 134.7023

Triad

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



62.6977, 82.8494, 107.2948



93.0451, 82.8494, 129.6861



82.5762, 82.8494, 48.2714

Complementary

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



62.6977, 82.8494, 107.2948



53.3861, 39.1049, 25.8553

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.



91.5359, 82.8494, 56.7818



62.6977, 82.8494, 107.2948



97.8959, 82.8494, 101.4419

Square

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



62.6977, 82.8494, 107.2948



84.5053, 82.8494, 149.3052



97.3224, 82.8494, 75.0406



73.2542, 82.8494, 49.2155

Rectangle

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



62.6977, 82.8494, 107.2948



72.1400, 82.8494, 147.5976



97.3224, 82.8494, 75.0406



85.7432, 82.8494, 50.0380

Sweetspot

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



62.6999, 82.8525, 107.2952



82.2539, 93.2591, 108.2733



48.9964, 77.8781, 33.5707



17.2668, 19.7823, 23.1582



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.



62.6999, 82.8525, 107.2952



59.2018, 80.9536, 107.1131



46.2170, 49.8867, 101.8009



18.5418, 20.4552, 23.2209



27.7857, 40.4810, 55.7837



2.7093, 3.9492, 5.4328

Inverse Universe

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



67.1134, 44.3828, 98.7988



64.1034, 38.4147, 97.6353



64.2299, 60.7923, 29.4699



18.7861, 18.2978, 22.7568



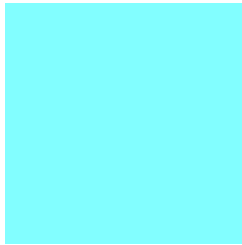
30.8131, 14.8146, 49.7939



3.0021, 1.4432, 4.8585

Previews

White Background



This preview shows how the XYZ color 62.6977, 82.8494, 107.2948 looks on a white background.

Color Contrast Check

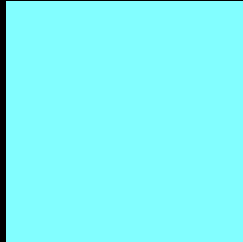
Large Text (above 18pt) WCAG AA × Fail

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 62.6977, 82.8494, 107.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

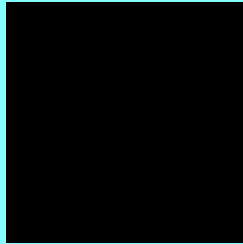
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6977, 82.8494, 107.2948

Background



This preview shows how black text looks on a background with the XYZ color 62.6977, 82.8494, 107.2948.

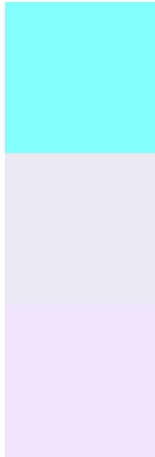


This preview shows how white text looks on a background with the XYZ color 62.6977, 82.8494,

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

62.6977, 82.8494, 107.2948

Protanopia

79.1446, 81.7862, 95.6193

Deuteranopia

82.0690, 81.4076, 105.9955



Tritanopia

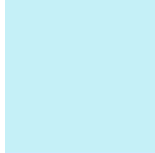
70.8396, 82.0126, 106.7041

Trichromacy



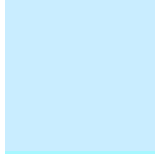
Original Color

62.6977, 82.8494, 107.2948



Protanomaly

70.9745, 80.9059, 99.8713



Deuteranomaly

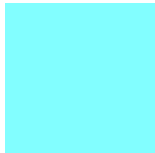
72.4216, 80.2059, 106.2720



Tritanomaly

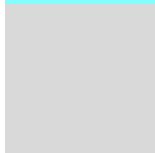
67.2471, 81.9570, 106.8827

Monochromacy



Original Color

62.6977, 82.8494, 107.2948



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.7282, 72.6774, 86.3233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6977, 82.8494, 107.2948 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(130, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6977, 82.8494, 107.2948 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(130, 254, 255) }
```


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

```
.border{ border-color:rgb(130, 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(130, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6977, 82.8494, 107.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 254, 255) }
```

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

```
.background{ background-color: rgb(130,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor