

Converting Colors

XYZ(106.3348, 95.8607,
334.4379)

Have a look what the booklet for
XYZ(106.3348, 95.8607, 334.4379)
contains.

XYZ(62.9784, 78.4054, 106.4222)	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(62.9784, 78.4054,
106.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	96F4FF
RGB	150, 244, 255
RGB Percent	59%, 96%, 100%
CMY	0.4117, 0.0431, 0.0000
CMYK	0.41, 0.04, 0.00, 0.00
HSL	186°, 100%, 79%
HSV	186°, 41%, 100%
XYZ	62.9784, 78.4054, 106.4222
YIQ	217.1480, -59.5550, -16.5070

Conversions

Conversions Part 2

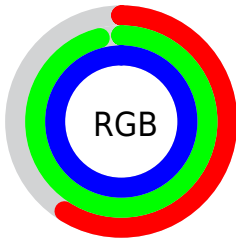
Format	Color
RYB	150, 200, 255
Decimal	9893119
CIELab	90.96, -25.15, -14.06
CIElCh	91, 28.816, 209.204
Yxy	78.4054, 0.2541, 0.3164
Android (android.graphics.Color)	4288083199 (0xFF96F4FF)
YUV	217.1480, 18.6610, -58.8888
Hunter-Lab	88.5468, -27.9999, -9.2764

Details

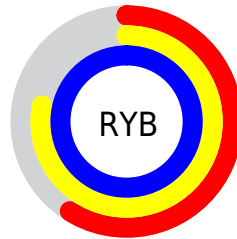
The XYZ color **62.9784, 78.4054, 106.4222** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.4904, 48.9522, 35.1695**, and the grayscale version is **65.9620, 69.3972, 75.5736**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **32.5899, 42.3190, 59.8768** is the 20% darker color. If you saturate the color by 10%, you get **57.9895, 74.6511, 105.9605**, and if you desaturate by 10%, it is **69.0041, 82.7152, 106.9365**.

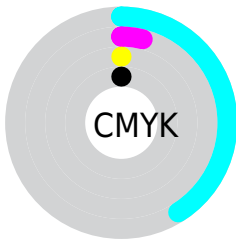
Distribution



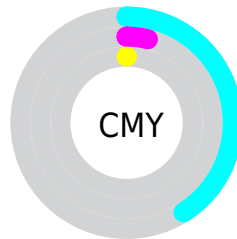
- Red (59%)
- Green (96%)
- Blue (100%)



- Red (59%)
- Yellow (78%)
- Blue (100%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9784, 78.4054, 106.4222 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 62.9784, 78.4054, 106.4222 by changing the saturation by 10% instead.


 62.9784, 78.4054,
106.4222


 62.9784, 78.4054,
106.4222


425.1520,
489.5425, 602.0141

 46.0823, 58.4071,
81.0280


 108.2203,
131.1215, 172.0837

 32.5157, 42.1360,
60.0336

 137.2969,
164.6080, 213.1881

 21.9131, 29.2078,
43.0202


171.1643,
203.3593, 260.3664

 13.9093, 19.2381,
29.5695

210.1880,
247.7599, 314.0370

 8.1389, 11.8424,
19.2628

254.7332,
298.1941, 374.6185

 4.2365, 6.6365,
11.6816

305.1654,

 1.8368, 3.2358,

355.0464, 442.5295

6.4073

361.8499,
418.7010, 518.1885

■ 0.5397, 1.2560,
3.0215

■ 0.0000, 0.1068,
1.1056

■ 62.9784, 78.4054,
106.4222

■ 62.9784, 78.4054,
106.4222

■ 57.9895, 74.6511,
105.9605

■ 69.0041, 82.7152,
106.9365

■ 53.9641, 71.4088,
105.5468

■ 76.1212, 87.6032,
107.5048

■ 50.8294, 68.6429,
105.1781

■ 84.3880, 93.1012,
108.1304

■ 48.4993, 66.3088,
104.8504

■ 93.8567, 99.2364,
108.8155

■ 46.8706, 64.3532, 95.0500, 100.0000,
104.5588 108.9000

■ 45.8745, 62.8690,
104.3248

Harmonies

Analogous

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



61.4052, 78.4054, 84.8155



62.9784, 78.4054, 106.4222



67.5945, 78.4054, 124.5656

Triad

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



62.9784, 78.4054, 106.4222



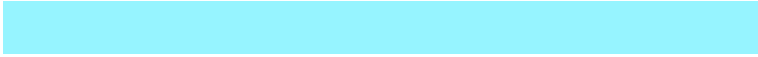
87.1807, 78.4054, 107.5412



74.7162, 78.4054, 51.2823

Complementary

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



62.9784, 78.4054, 106.4222



59.4904, 48.9522, 35.1695

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.



81.9073, 78.4054, 55.4024



62.9784, 78.4054, 106.4222



89.3850, 78.4054, 85.9272

Square

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



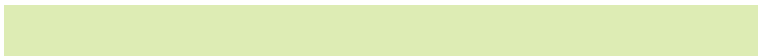
62.9784, 78.4054, 106.4222



81.5498, 78.4054, 125.2820



87.3964, 78.4054, 67.2953



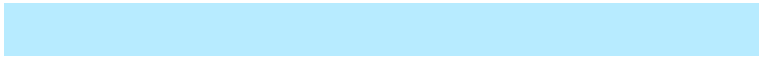
67.9100, 78.4054, 54.9868

Rectangle

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



62.9784, 78.4054, 106.4222



71.9352, 78.4054, 131.0218



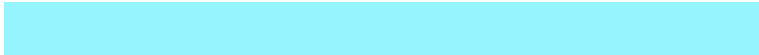
87.3964, 78.4054, 67.2953



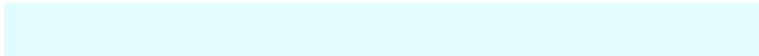
77.1700, 78.4054, 51.7854

Sweetspot

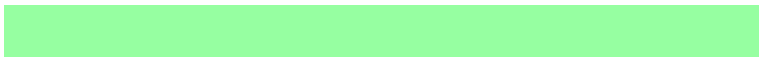
The Sweet Spot groups the original color and five complimentary colors.



62.9805, 78.4084, 106.4226



83.6608, 92.6236, 108.0765



54.7280, 80.5603, 46.1547



17.6641, 19.6654, 23.1147



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.



62.9805, 78.4084, 106.4226



58.9902, 75.4230, 106.0567



49.4789, 51.4051, 101.9221



18.3828, 20.1372, 23.1679



24.0362, 32.9819, 54.5339



2.3851, 3.3009, 5.3247

Inverse Universe

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



68.4769, 49.6062, 91.5571



65.2434, 43.6442, 88.9224



70.5402, 71.0516, 38.8527



18.7059, 18.2657, 22.3342



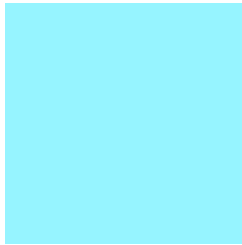
28.9206, 14.0575, 39.8276



2.8385, 1.3778, 3.9969

Previews

White Background



This preview shows how the XYZ color 62.9784, 78.4054, 106.4222 looks on a white background.

Color Contrast Check

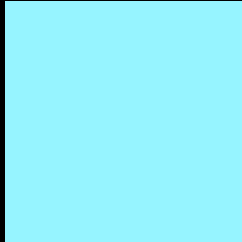
Large Text (above 18pt) WCAG AA × Fail

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 62.9784, 78.4054, 106.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

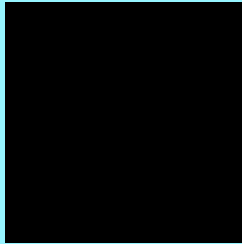
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9784, 78.4054, 106.4222

Background



This preview shows how black text looks on a background with the XYZ color 62.9784, 78.4054, 106.4222.

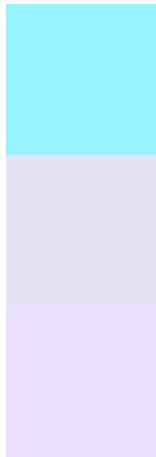


This preview shows how white text looks on a background with the XYZ color 62.9784, 78.4054,

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

62.9784, 78.4054, 106.4222

Protanopia

75.4768, 77.8007, 96.6269

Deuteranopia

78.3694, 77.4878, 105.4339



Tritanopia

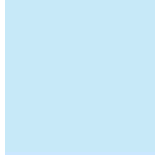
66.4437, 78.4244, 106.2432

Trichromacy



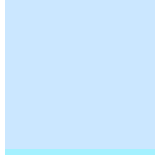
Original Color

62.9784, 78.4054, 106.4222



Protanomaly

69.6354, 77.1973, 100.0373



Deuteranomaly

71.2545, 77.0683, 105.7279



Tritanomaly

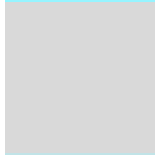
65.0223, 78.1299, 106.2613

Monochromacy



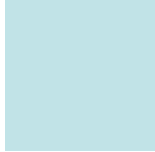
Original Color

62.9784, 78.4054, 106.4222



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.8852, 72.0451, 86.1403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9784, 78.4054, 106.4222 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(150, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 244, 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(150, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.9784, 78.4054, 106.4222 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(150, 244, 255) }
```


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

```
.border{ border-color:rgb(150, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9784, 78.4054, 106.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 244, 255) }
```

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

```
.background{ background-color: rgb(150,  
244, 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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