

Converting Colors

XYZ(62.4498, 76.8011,
106.1383)

Have a look what the booklet for
XYZ(62.4498, 76.8011, 106.1383)
contains.

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Color

**XYZ(62.4542, 76.8060,
106.1411)**

Conversions

Conversions Part 1

Format	Color
Hex	98F1FF
RGB	152, 241, 255
RGB Percent	60%, 95%, 100%
CMY	0.4039, 0.0549, 0.0000
CMYK	0.40, 0.05, 0.00, 0.00
HSL	188°, 100%, 80%
HSV	188°, 40%, 100%
XYZ	62.4542, 76.8060, 106.1411
YIQ	215.9850, -57.5380, -14.5140

Conversions

Conversions Part 2

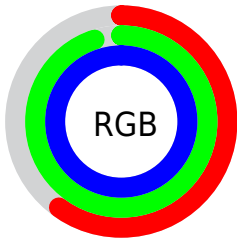
Format	Color
RYB	152, 200, 255
Decimal	10023423
CIELab	90.23, -23.21, -15.15
CIElCh	90, 27.715, 213.131
Yxy	76.8060, 0.2545, 0.3130
Android (android.graphics.Color)	4288213503 (0xFF98F1FF)
YUV	215.9850, 19.2344, -56.1148
Hunter-Lab	87.6390, -26.1639, -10.4598

Details

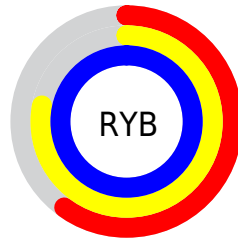
The XYZ color **62.4542, 76.8060, 106.1411** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.5442, 50.7997, 36.3220**, and the grayscale version is **65.1631, 68.5567, 74.6582**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **32.1581, 41.1548, 59.6748** is the 20% darker color. If you saturate the color by 10%, you get **57.1693, 72.5750, 105.6030**, and if you desaturate by 10%, it is **68.7887, 81.6106, 106.7346**.

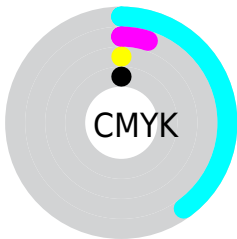
Distribution



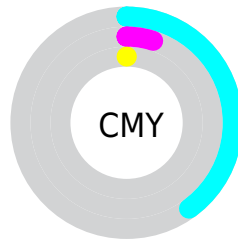
- Red (60%)
- Green (95%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4542, 76.8060, 106.1411 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 62.4542, 76.8060, 106.1411 by changing the saturation by 10% instead.

62.4542, 76.8060,
106.1411

62.4542, 76.8060,
106.1411

423.2771,
484.1023, 601.1213

45.6568, 57.0937,
80.7937

107.4679,
128.8656, 171.6964

32.1785, 41.0804,
59.8417

136.4150,
161.9816, 212.7413

21.6541, 28.3819,
42.8666

170.1426,
200.3344, 259.8559

13.7182, 18.6138,
29.4498

209.0162,
244.3082, 313.4585

8.0053, 11.3915,
19.1729

253.4011,
294.2875, 373.9679

4.1502, 6.3308,
11.6172

303.6627,

1.7874, 3.0473,

350.6567, 441.8024

6.3642

360.1662,
413.8002, 517.3807

■ 0.5101, 1.1565,
2.9954

■ 0.0000, 0.0257,
1.0923

■ 62.4542, 76.8060,
106.1411

■ 62.4542, 76.8060,
106.1411

■ 57.1693, 72.5750,
105.6030

■ 68.7887, 81.6106,
106.7346

■ 52.8612, 68.8747,
105.1158

■ 76.2271, 87.0116,
107.3851

■ 49.4578, 65.6693,
104.6765

■ 84.8274, 93.0409,
108.0956

■ 46.8740, 62.9150,
104.2810

94.6416, 99.7254,
108.8685

■ 45.0081, 60.5590,
103.9246

95.0500, 100.0000,
108.9000

■ 43.7348, 58.5896,
103.6116

Harmonies

Analogous

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



60.5496, 76.8060, 85.7192



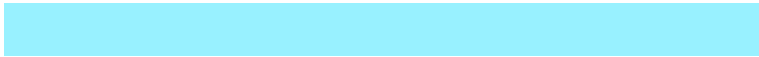
62.4542, 76.8060, 106.1411



67.1731, 76.8060, 122.2707

Triad

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



62.4542, 76.8060, 106.1411



85.4765, 76.8060, 101.9867



72.2802, 76.8060, 51.1607

Complementary

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



62.4542, 76.8060, 106.1411



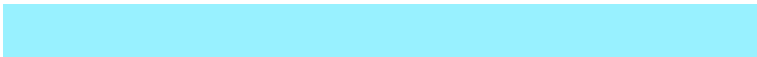
60.5442, 50.7997, 36.3220

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.



79.1582, 76.8060, 54.1291



62.4542, 76.8060, 106.1411



87.0539, 76.8060, 81.5724

Square

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



62.4542, 76.8060, 106.1411



80.4891, 76.8060, 119.6192



84.6747, 76.8060, 64.5483



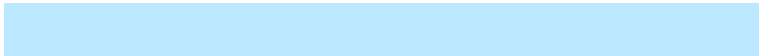
65.9938, 76.8060, 55.6954

Rectangle

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



62.4542, 76.8060, 106.1411



71.4278, 76.8060, 127.2658



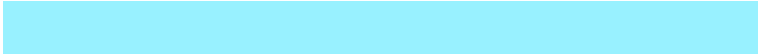
84.6747, 76.8060, 64.5483



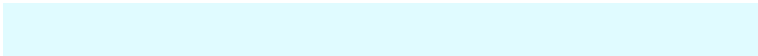
74.5988, 76.8060, 51.3164

Sweetspot

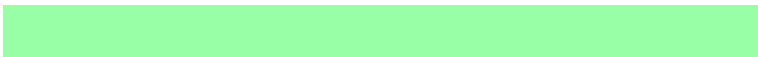
The Sweet Spot groups the original color and five complimentary colors.



62.4563, 76.8089, 106.1415



83.3624, 92.0269, 107.9770



55.5686, 80.9394, 48.6443



17.5934, 19.5240, 23.0912



0.0000, 0.0000, 0.0000



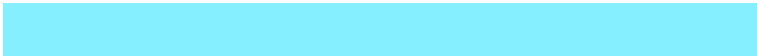
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4563, 76.8089, 106.1415



58.3414, 73.5372, 105.7269



49.3633, 50.6230, 101.7772



18.3320, 20.0356, 23.1510



22.9338, 30.7773, 54.1665



2.2886, 3.1080, 5.2925

Inverse Universe

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



68.3468, 50.0691, 89.2844



65.0595, 44.1204, 86.2592



71.7813, 73.2741, 40.0678



18.6802, 18.2554, 22.1992



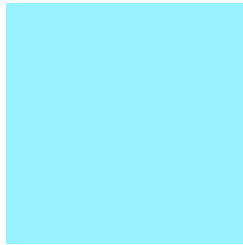
28.3641, 13.8350, 36.8976



2.7898, 1.3583, 3.7405

Previews

White Background



This preview shows how the XYZ color 62.4542, 76.8060, 106.1411 looks on a white background.

Color Contrast Check

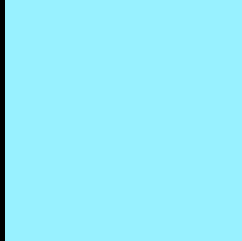
Large Text (above 18pt) WCAG AA × Fail

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 62.4542, 76.8060, 106.1411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

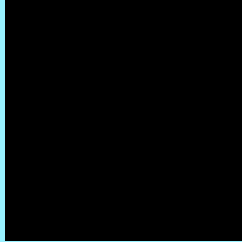
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4542, 76.8060, 106.1411

Background



This preview shows how black text looks on a background with the XYZ color 62.4542, 76.8060, 106.1411.

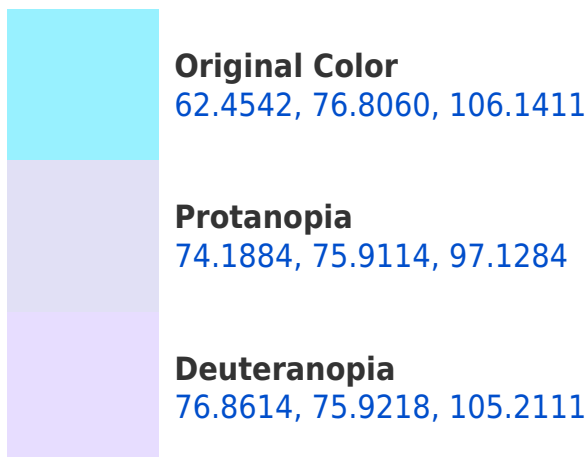


This preview shows how white text looks on a background with the XYZ color 62.4542, 76.8060,

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





Tritanopia

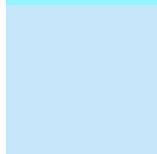
64.3504, 76.4761, 105.9775

Trichromacy



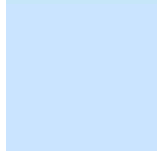
Original Color

62.4542, 76.8060, 106.1411



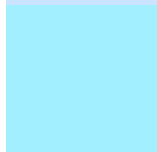
Protanomaly

68.6844, 75.4389, 100.5637



Deuteranomaly

70.1505, 75.2634, 105.4377



Tritanomaly

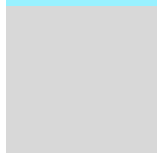
63.6144, 76.5301, 106.0267

Monochromacy



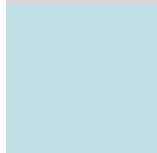
Original Color

62.4542, 76.8060, 106.1411



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.2005, 70.9011, 85.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4542, 76.8060, 106.1411 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(152, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 241, 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(152, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.4542, 76.8060, 106.1411 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(152, 241, 255) }
```


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

```
.border{ border-color:rgb(152, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4542, 76.8060, 106.1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 241, 255) }
```

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

```
.background{ background-color: rgb(152,  
241, 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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