

Converting Colors

XYZ(64.4615, 76.9364,
122.0708)

Have a look what the booklet for
XYZ(64.4615, 76.9364, 122.0708)
contains.

XYZ(61.4228, 75.8361, 106.0082)	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(61.4228, 75.8361,
106.0082)**

Conversions

Conversions Part 1

Format	Color
Hex	94F0FF
RGB	148, 240, 255
RGB Percent	58%, 94%, 100%
CMY	0.4196, 0.0588, 0.0000
CMYK	0.42, 0.06, 0.00, 0.00
HSL	188°, 100%, 79%
HSV	188°, 42%, 100%
XYZ	61.4228, 75.8361, 106.0082
YIQ	214.2020, -59.6470, -14.8390

Conversions

Conversions Part 2

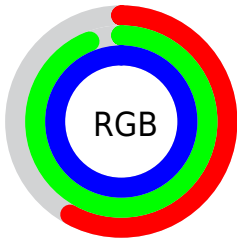
Format	Color
R_{YB}	148, 197, 255
Decimal	9761023
CIE _{Lab}	89.78, -23.68, -15.84
CIE _{LCh}	90, 28.489, 213.778
Yxy	75.8361, 0.2525, 0.3117
Android (android.graphics.Color)	4287951103 (0xFF94F0FF)
YUV	214.2020, 20.1134, -58.0592
Hunter-Lab	87.0839, -26.4957, -11.2156

Details

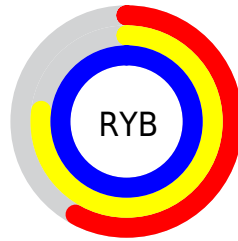
The XYZ color **61.4228, 75.8361, 106.0082** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.6829, 49.5927, 34.4456**, and the grayscale version is **63.9519, 67.2824, 73.2705**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **31.5500, 40.5319, 59.5867** is the 20% darker color. If you saturate the color by 10%, you get **56.2671, 71.6335, 105.4688**, and if you desaturate by 10%, it is **67.6192, 80.6096, 106.6030**.

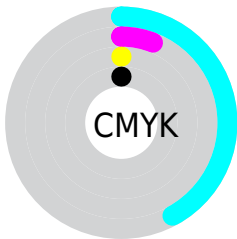
Distribution



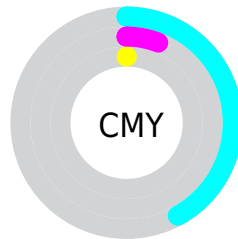
- Red (58%)
- Green (94%)
- Blue (100%)



- Red (58%)
- Yellow (77%)
- Blue (100%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4228, 75.8361, 106.0082 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 61.4228, 75.8361, 106.0082 by changing the saturation by 10% instead.

61.4228, 75.8361,
106.0082

61.4228, 75.8361,
106.0082

419.5737,
480.7865, 600.6990

44.8203, 56.2981,
80.6829

105.9855,
127.4952, 171.5132

31.5166, 40.4420,
59.7510

134.6765,
160.3851, 212.5300

21.1463, 27.8833,
42.7940

168.1276,
198.4944, 259.6144

13.3440, 18.2377,
29.3933

206.7043,
242.2076, 313.1849

7.7445, 11.1208,
19.1304

250.7719,
291.9090, 373.6601

3.9823, 6.1481,
11.5868

300.6958,

1.6921, 2.9354,

347.9830, 441.4585

6.3439

356.8413,
410.8140, 516.9986

■ 0.4513, 1.0981,
2.9831

■ 0.0000, 0.0000,
1.0860

■ 61.4228, 75.8361,
106.0082

■ 61.4228, 75.8361,
106.0082

■ 56.2671, 71.6335,
105.4688

■ 67.6192, 80.6096,
106.6030

■ 52.0785, 67.9581,
104.9802

■ 74.9116, 85.9773,
107.2548

■ 48.7832, 64.7738,
104.5392

■ 83.3587, 91.9713,
107.9665

■ 46.2941, 62.0352,
104.1418

■ 93.0130, 98.6189,
108.7408

■ 44.5059, 59.6881, 95.0500, 100.0000,
103.7830 108.9000

■ 43.4496, 58.0192,
103.5165

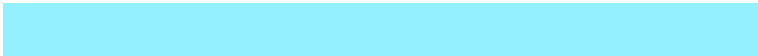
Harmonies

Analogous

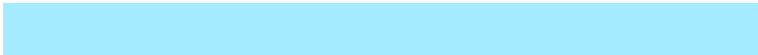
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4214, 75.8361, 85.1486



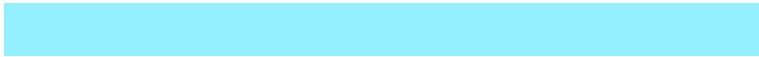
61.4228, 75.8361, 106.0082



66.2734, 75.8361, 122.3763

Triad

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



61.4228, 75.8361, 106.0082



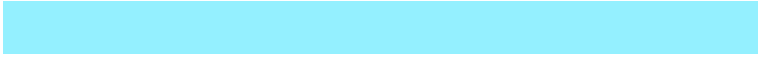
84.8925, 75.8361, 100.8769



71.1933, 75.8361, 49.6676

Complementary

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



61.4228, 75.8361, 106.0082



59.6829, 49.5927, 34.4456

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.



78.2161, 75.8361, 52.4973



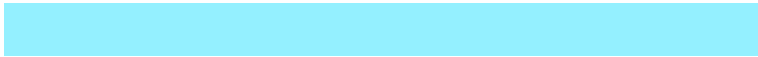
61.4228, 75.8361, 106.0082



86.4195, 75.8361, 80.0492

Square

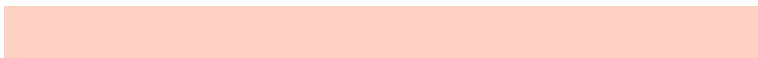
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.4228, 75.8361, 106.0082



79.8557, 75.8361, 119.0919



83.9036, 75.8361, 62.8737



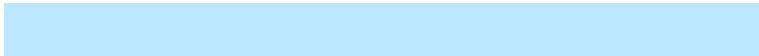
64.8261, 75.8361, 54.4051

Rectangle

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



61.4228, 75.8361, 106.0082



70.6255, 75.8361, 127.3214



83.9036, 75.8361, 62.8737



73.5542, 75.8361, 49.7702

Sweetspot

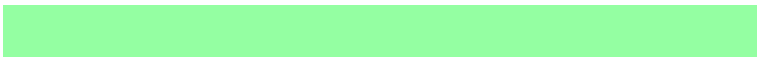
The Sweet Spot groups the original color and five complimentary colors.



61.4249, 75.8389, 106.0087



82.4240, 91.3173, 107.8895



54.5192, 80.4346, 46.9606



17.2271, 19.2538, 23.0583



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.



61.4249, 75.8389, 106.0087



57.1990, 72.4144, 105.5704



48.0840, 49.1573, 101.5617



18.3251, 20.0217, 23.1487



22.7869, 30.4833, 54.1175



2.2757, 3.0822, 5.2882

Inverse Universe

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



67.5594, 48.7327, 88.2869



64.1992, 42.6903, 85.0771



71.0822, 72.3914, 38.2453



18.6767, 18.2540, 22.1807



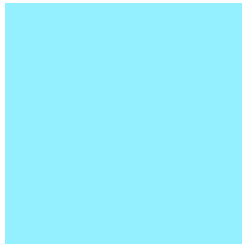
28.2900, 13.8053, 36.5069



2.7833, 1.3557, 3.7062

Previews

White Background



This preview shows how the XYZ color 61.4228, 75.8361, 106.0082 looks on a white background.

Color Contrast Check

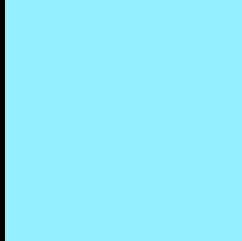
Large Text (above 18pt) WCAG AA × Fail

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 61.4228, 75.8361, 106.0082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

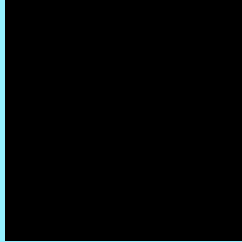
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4228, 75.8361, 106.0082

Background



This preview shows how black text looks on a background with the XYZ color 61.4228, 75.8361, 106.0082.

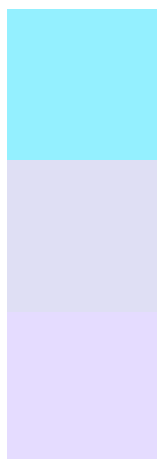


This preview shows how white text looks on a background with the XYZ color 61.4228, 75.8361,

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

61.4228, 75.8361, 106.0082

Protanopia

73.1482, 74.9950, 96.2081

Deuteranopia

75.9563, 75.0644, 105.0933



Tritanopia

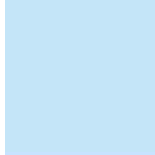
63.1217, 75.8427, 105.9200

Trichromacy



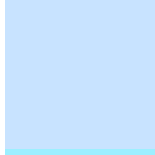
Original Color

61.4228, 75.8361, 106.0082



Protanomaly

67.7275, 74.5517, 99.6272



Deuteranomaly

69.3385, 74.4375, 105.3211



Tritanomaly

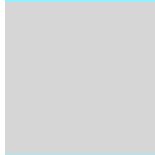
62.6268, 76.0209, 105.9805

Monochromacy



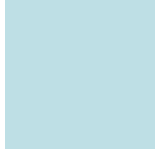
Original Color

61.4228, 75.8361, 106.0082



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.7657, 69.3796, 84.2650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4228, 75.8361, 106.0082 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(148, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 240, 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(148, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4228, 75.8361, 106.0082 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(148, 240, 255) }
```


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

```
.border{ border-color:rgb(148, 240, 255) }
```

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

Here you see how a box with a 4 pixel rgb(148, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4228, 75.8361, 106.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 240, 255) }
```

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

```
.background{ background-color: rgb(148,  
240, 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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