

Converting Colors

XYZ(61.7901, 81.5928,
107.1000)

Have a look what the booklet for
XYZ(61.7901, 81.5928, 107.1000)
contains.

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Color

**XYZ(61.7625, 81.4300,
107.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	80FCFF
RGB	128, 252, 255
RGB Percent	50%, 99%, 100%
CMY	0.4980, 0.0117, 0.0000
CMYK	0.50, 0.01, 0.00, 0.00
HSL	181°, 100%, 75%
HSV	181°, 50%, 100%
XYZ	61.7625, 81.4300, 107.0701
YIQ	215.2660, -74.8670, -25.3550

Conversions

Conversions Part 2

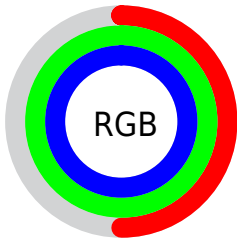
Format	Color
R_{YB}	128, 191, 255
Decimal	8453375
CIE _{Lab}	92.32, -33.83, -12.12
CIE _{LCh}	92, 35.936, 199.711
Yxy	81.4300, 0.2468, 0.3254
Android (android.graphics.Color)	4286643455 (0xFF80FCFF)
YUV	215.2660, 19.5889, -76.5323
Hunter-Lab	90.2386, -35.7457, -7.1819

Details

The XYZ color **61.7625, 81.4300, 107.0701** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.2532, 39.0518, 25.1551**, and the grayscale version is **64.6814, 68.0498, 74.1063**.

A 20% lighter version of the original color is **74.7963, 89.5588, 107.9521**, and **31.6948, 44.1316, 60.2738** is the 20% darker color. If you saturate the color by 10%, you get **58.2101, 79.3206, 106.8501**, and if you desaturate by 10%, it is **66.2835, 84.0435, 107.3362**.

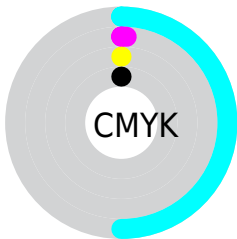
Distribution



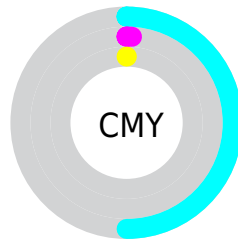
- Red (50%)
- Green (99%)
- Blue (100%)



- Red (50%)
- Yellow (75%)
- Blue (100%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7625, 81.4300, 107.0701 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 61.7625, 81.4300, 107.0701 by changing the saturation by 10% instead.


 61.7625, 81.4300,
107.0701


 61.7625, 81.4300,
107.0701


420.7956,
499.7391, 604.0692

 45.0957, 60.8958,
81.5684

 106.4741,
135.3744, 172.9760

 31.7344, 44.1411,
60.4761


 135.2496,
169.5534, 214.2173

 21.3133, 30.7814,
43.3747


 168.7920,
209.0494, 261.5421

 13.4670, 20.4325,
29.8456

207.4667,
254.2468, 315.3691

 7.8301, 12.7098,
19.4704

251.6391,
305.5302, 376.1168

 4.0373, 7.2290,
11.8304

301.6744,

 1.7233, 3.6057,

363.2837, 444.2036

6.5072

357.9382,
427.8919, 520.0483

■ 0.4708, 1.4556,
3.0821

■ 0.0000, 0.2571,
1.1367

■ 61.7625, 81.4300,
107.0701

■ 61.7625, 81.4300,
107.0701

■ 58.2101, 79.3206,
106.8501

■ 66.2835, 84.0435,
107.3362

■ 55.5461, 77.6681,
106.6716

■ 71.8325, 87.1859,
107.6503

■ 53.6885, 76.4322,
106.5310

■ 78.4719, 90.8913,
108.0156

■ 52.5369, 75.5612,
106.4235

■ 86.2572, 95.1883,
108.4347

■ 51.9309, 74.9723, 95.0500, 100.0000,
106.3418 108.9000

■ 51.9208, 74.9617,
106.3403

Harmonies

Analogous

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



61.1112, 81.4300, 79.8324



61.7625, 81.4300, 107.0701



66.4062, 81.4300, 133.7145

Triad

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



61.7625, 81.4300, 107.0701



91.8446, 81.4300, 126.0481



80.6328, 81.4300, 47.2376

Complementary

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



61.7625, 81.4300, 107.0701



53.2532, 39.0518, 25.1551

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.



89.5376, 81.4300, 55.0727



61.7625, 81.4300, 107.0701



96.3456, 81.4300, 98.1228

Square

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



61.7625, 81.4300, 107.0701



83.5820, 81.4300, 146.1005



95.4691, 81.4300, 72.4973



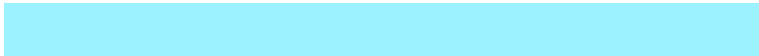
71.5244, 81.4300, 48.6821

Rectangle

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



61.7625, 81.4300, 107.0701



71.3638, 81.4300, 145.8543



95.4691, 81.4300, 72.4973



83.7605, 81.4300, 48.8006

Sweetspot

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



61.7647, 81.4330, 107.0705



82.0638, 92.8790, 108.2100



48.7005, 77.7247, 33.5978



17.2204, 19.6895, 23.1428



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.



61.7647, 81.4330, 107.0705



58.1488, 79.2834, 106.8462



45.2338, 48.3713, 101.5603



18.5160, 20.4035, 23.2123



27.1464, 39.2023, 55.5706



2.6543, 3.8394, 5.4145

Inverse Universe

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



66.5313, 43.7284, 97.0327



63.4656, 37.7524, 95.5319



64.3439, 61.2331, 28.8520



18.7731, 18.2925, 22.6882



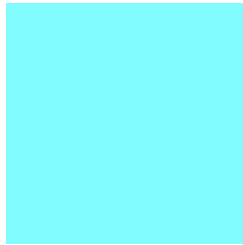
30.4904, 14.6855, 48.0945



2.9744, 1.4321, 4.7126

Previews

White Background



This preview shows how the XYZ color 61.7625, 81.4300, 107.0701 looks on a white background.

Color Contrast Check

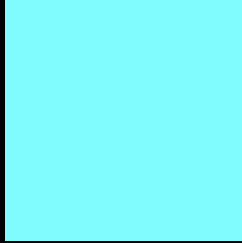
Large Text (above 18pt) WCAG AA × Fail

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 61.7625, 81.4300, 107.0701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

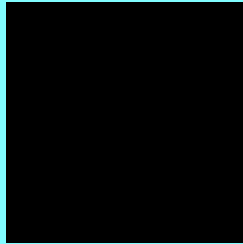
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7625, 81.4300, 107.0701

Background



This preview shows how black text looks on a background with the XYZ color 61.7625, 81.4300, 107.0701.

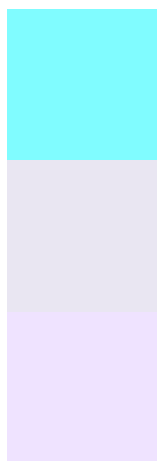


This preview shows how white text looks on a background with the XYZ color 61.7625, 81.4300,

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

61.7625, 81.4300, 107.0701

Protanopia

77.9281, 80.3281, 95.4020

Deuteranopia

81.1157, 80.5089, 105.8723



Tritanopia

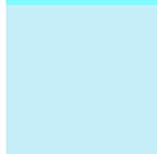
68.8582, 80.5480, 106.5259

Trichromacy



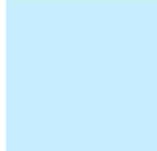
Original Color

61.7625, 81.4300, 107.0701



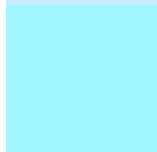
Protanomaly

69.8687, 79.4666, 99.6518



Deuteranomaly

71.5986, 79.3530, 106.1508



Tritanomaly

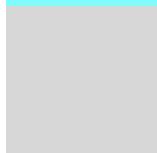
65.9061, 80.8129, 106.7326

Monochromacy



Original Color

61.7625, 81.4300, 107.0701



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.5548, 71.2673, 85.3746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7625, 81.4300, 107.0701 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(128, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 252, 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(128, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7625, 81.4300, 107.0701 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(128, 252, 255) }
```


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

```
.border{ border-color:rgb(128, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7625, 81.4300, 107.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 252, 255) }
```

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

```
.background{ background-color: rgb(128,  
252, 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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