

Converting Colors

XYZ(51.1078, 78.3458, 61.7188)

Have a look what the booklet for
XYZ(51.1078, 78.3458, 61.7188)
contains.

XYZ(51.1078, 78.3458, 61.7188)	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(51.1078, 78.3458,
61.7188)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFFBF
RGB	106, 255, 191
RGB Percent	42%, 100%, 75%
CMY	0.5843, 0.0000, 0.2510
CMYK	0.58, 0.00, 0.25, 0.00
HSL	154°, 100%, 71%
HSV	154°, 58%, 100%
XYZ	51.1078, 78.3458, 61.7188
YIQ	203.1530, -68.2600, -51.4920

Conversions

Conversions Part 2

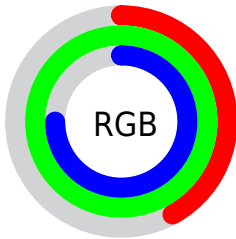
Format	Color
RYB	106, 201, 255
Decimal	7012287
CIELab	90.94, -54.35, 18.86
CIELCh	91, 57.529, 160.867
Yxy	78.3458, 0.2673, 0.4098
Android (android.graphics.Color)	4285202367 (0xFF6AFFBF)
YUV	203.1530, -5.9914, -85.2032
Hunter-Lab	88.5132, -51.8315, 20.6173

Details

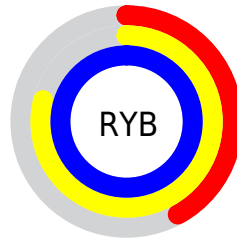
The XYZ color **51.1078, 78.3458, 61.7188** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **53.6502, 34.4711, 41.8566**, and the grayscale version is **56.9281, 59.8928, 65.2233**.

A 20% lighter version of the original color is **68.6969, 86.5602, 101.0828**, and **24.9076, 41.9583, 30.4529** is the 20% darker color. If you saturate the color by 10%, you get **47.3542, 76.5448, 55.4852**, and if you desaturate by 10%, it is **55.8536, 80.6477, 68.4720**.

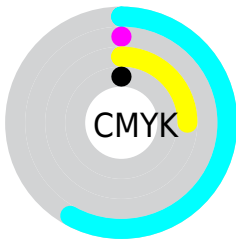
Distribution



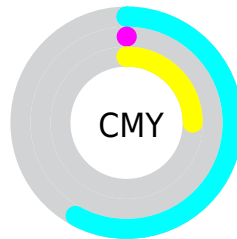
- Red (42%)
- Green (100%)
- Blue (75%)



- Red (42%)
- Yellow (79%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (58%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1078, 78.3458, 61.7188 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 51.1078, 78.3458, 61.7188 by changing the saturation by 10% instead.


 51.1078, 78.3458,
61.7188


 51.1078, 78.3458,
61.7188


381.3632,
489.3404, 448.8839

 36.5158, 58.3581,
44.3712


 90.9961, 131.0375,
108.8867

 25.0048, 42.0966,
30.6231


 117.0232,
164.5102, 139.5440

 16.2094, 29.1769,
20.0560


 147.5926,
203.2468, 175.4750

 9.7642, 19.2147,
12.2513

183.0698,
247.6315, 217.0982

 5.3040, 11.8255,
6.7904

223.8201,
298.0489, 264.8322

 2.4633, 6.6250,
3.2549

270.2089,

 0.8768, 3.2287,

354.8832, 319.0954

1.2262

322.6015,
418.5189, 380.3065

0.0000, 1.2523,
0.0002

0.0000, 0.1038,
0.0000

51.1078, 78.3458,
61.7188

51.1078, 78.3458,
61.7188

47.3542, 76.5448,
55.4852

55.8536, 80.6477,
68.4720

44.5062, 75.2005,
49.7531


61.6638, 83.4878,
75.7543


42.4650, 74.2622,
44.5085

68.6062, 86.9007,
83.5797

41.0916, 73.6584,
39.7341

76.7418, 90.9178,
91.9604

 40.9073, 73.5789,
39.0251

 86.1275, 95.5680,
100.9081

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



57.6714, 78.3458, 38.0476



51.1078, 78.3458, 61.7188



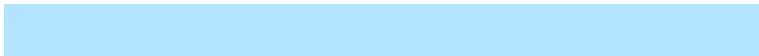
50.3028, 78.3458, 101.2629

Triad

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



51.1078, 78.3458, 61.7188



79.8466, 78.3458, 190.2079



97.6028, 78.3458, 42.9989

Complementary

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



51.1078, 78.3458, 61.7188



53.6502, 34.4711, 41.8566

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.



105.3402, 78.3458, 71.1189



51.1078, 78.3458, 61.7188



94.2389, 78.3458, 161.0597

Square

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



51.1078, 78.3458, 61.7188



65.6956, 78.3458, 185.1690



104.0349, 78.3458, 114.2447



83.9827, 78.3458, 29.9186

Rectangle

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



51.1078, 78.3458, 61.7188



53.0053, 78.3458, 133.1809



104.0349, 78.3458, 114.2447



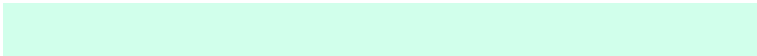
101.0532, 78.3458, 50.5459

Sweetspot

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



51.1085, 78.3461, 61.7201



77.1194, 91.1045, 92.3335



55.0624, 81.1702, 26.4019



15.9696, 19.2345, 19.2273



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.



51.1085, 78.3461, 61.7201



46.8494, 76.3047, 54.5524



56.6669, 75.6297, 106.2191



18.2058, 20.3419, 21.3868



21.4513, 38.4771, 20.7934



2.1434, 3.7683, 2.3131

Inverse Universe

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



53.6502, 34.4711, 41.8566



49.6229, 28.8036, 33.1549



50.0797, 34.7768, 17.7096



18.3332, 18.1166, 20.3720



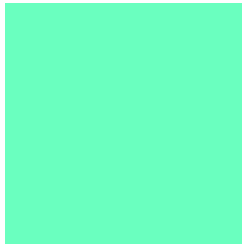
23.0774, 11.7202, 9.0578



2.3004, 1.1625, 1.1634

Previews

White Background



This preview shows how the XYZ color 51.1078, 78.3458, 61.7188 looks on a white background.

Color Contrast Check

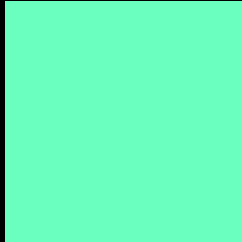
Large Text (above 18pt) WCAG AA × Fail

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 51.1078, 78.3458, 61.7188 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 51.1078, 78.3458, 61.7188

Background



This preview shows how black text looks on a background with the XYZ color 51.1078, 78.3458, 61.7188.

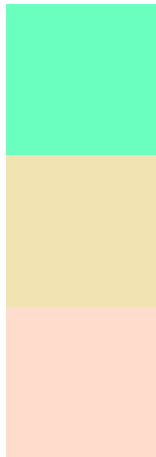


This preview shows how white text looks on a background with the XYZ color 51.1078, 78.3458,

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

51.1078, 78.3458, 61.7188

Protanopia

72.1229, 77.0298, 53.1864

Deuteranopia

77.6127, 76.7582, 67.2251



Tritanopia

64.7271, 77.5395, 106.1629

Trichromacy



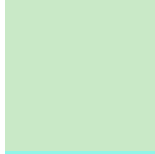
Original Color

51.1078, 78.3458, 61.7188



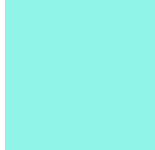
Protanomaly

60.8237, 75.3247, 56.1331



Deuteranomaly

63.5351, 74.8189, 65.1257



Tritanomaly

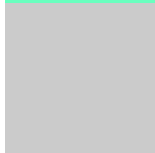
58.7195, 77.0603, 88.1232

Monochromacy



Original Color

51.1078, 78.3458, 61.7188



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

52.5785, 64.6909, 63.7482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1078, 78.3458, 61.7188 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(106, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(106, 255, 191)  
}
```

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(106, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.1078, 78.3458, 61.7188 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(106, 255, 191) }
```


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

```
.border{ border-color:rgb(106, 255, 191) }
```

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

Here you see how a box with a 4 pixel rgb(106, 255, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(106, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1078, 78.3458, 61.7188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 255, 191) }
```

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

```
.background{ background-color: rgb(106,  
255, 191) }
```

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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