

Converting Colors

XYZ(60.5181, 78.0907,
103.9788)

Have a look what the booklet for
XYZ(60.5181, 78.0907, 103.9788)
contains.

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Color

**XYZ(60.5181, 78.0907,
103.9788)**

Conversions

Conversions Part 1

Format	Color
Hex	87F6FC
RGB	135, 246, 252
RGB Percent	53%, 96%, 99%
CMY	0.4706, 0.0353, 0.0118
CMYK	0.46, 0.02, 0.00, 0.01
HSL	183°, 95%, 76%
HSV	183°, 46%, 99%
XYZ	60.5181, 78.0907, 103.9788
YIQ	213.4950, -68.0820, -21.6660

Conversions

Conversions Part 2

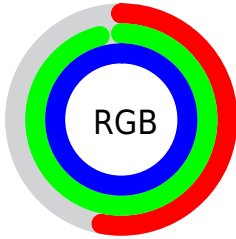
Format	Color
R_{YB}	135, 192, 252
Decimal	8910588
CIE _{Lab}	90.82, -30.29, -12.78
CIE _{LCh}	91, 32.872, 202.872
Yxy	78.0907, 0.2495, 0.3219
Android (android.graphics.Color)	4287100668 (0xFF87F6FC)
YUV	213.4950, 18.9830, -68.8401
Hunter-Lab	88.3689, -32.4027, -7.9050

Details

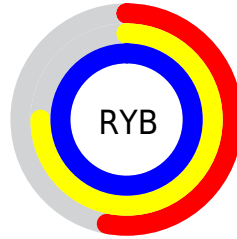
The XYZ color **60.5181, 78.0907, 103.9788** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.0443, 41.4957, 28.0846**, and the grayscale version is **63.4888, 66.7951, 72.7399**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **30.7956, 41.7518, 58.0656** is the 20% darker color. If you saturate the color by 10%, you get **56.5425, 75.4617, 103.6823**, and if you desaturate by 10%, it is **65.4606, 81.2258, 104.3248**.

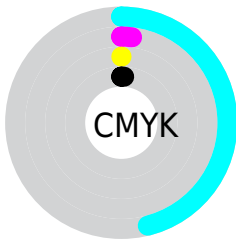
Distribution



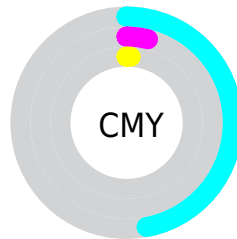
- Red (53%)
- Green (96%)
- Blue (99%)



- Red (53%)
- Yellow (75%)
- Blue (99%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (47%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5181, 78.0907, 103.9788 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 60.5181, 78.0907, 103.9788 by changing the saturation by 10% instead.

60.5181, 78.0907,
103.9788

60.5181, 78.0907,
103.9788

416.3090,
488.4748, 594.2304

44.0874, 58.1485,
78.9922

104.6829,
130.6780, 168.7137

30.9375, 41.9280,
58.3681

133.1478,
164.0918, 209.2991

20.7028, 29.0449,
41.6880

166.3548,
202.7650, 255.9211

13.0182, 19.1148,
28.5333

204.6693,
247.0819, 308.9984

7.5181, 11.7533,
18.4855

248.4566,
297.4270, 368.9494

3.8374, 6.5759,
11.1261

298.0821,

1.6106, 3.1983,

354.1845, 436.1927

6.0365

353.9111,
417.7390, 511.1469

■ 0.3993, 1.2361,
2.7981

■ 0.0000, 0.0909,
0.9925

■ 60.5181, 78.0907,
103.9788

■ 60.5181, 78.0907,
103.9788

■ 56.5425, 75.4617,
103.6823

■ 65.4606, 81.2258,
104.3248

■ 53.4580, 73.2944,
103.4265

■ 71.4249, 84.8899,
104.7177

■ 51.1891, 71.5515,
103.2097

■ 78.4702, 89.1155,
105.1620

■ 49.6444, 70.1860,
103.0275

■ 86.6493, 93.9295,
105.6601

■ 48.7100, 69.1391,
102.8747

■ 93.7670, 98.2005,
106.1093

■ 48.4619, 68.8102,
102.8243

■ 94.1751, 99.0166,
106.2454

■ 94.5709, 99.8084,
106.3773

Harmonies

Analogous

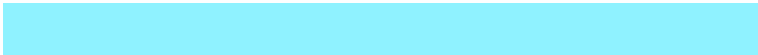
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5398, 78.0907, 79.5022



60.5181, 78.0907, 103.9788



65.0350, 78.0907, 126.7367

Triad

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



60.5181, 78.0907, 103.9788



87.6325, 78.0907, 115.5749



76.2130, 78.0907, 47.3800

Complementary

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



60.5181, 78.0907, 103.9788



54.0443, 41.4957, 28.0846

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.



84.2377, 78.0907, 53.6491



60.5181, 78.0907, 103.9788



91.1409, 78.0907, 90.8030

Square

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



60.5181, 78.0907, 103.9788



80.5746, 78.0907, 134.2523



89.8546, 78.0907, 68.5313



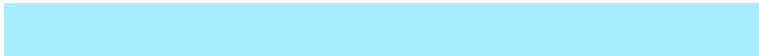
68.2140, 78.0907, 49.5995

Rectangle

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



60.5181, 78.0907, 103.9788



69.6388, 78.0907, 136.3792



89.8546, 78.0907, 68.5313



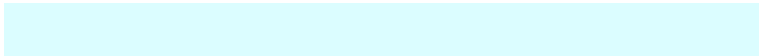
79.0038, 78.0907, 48.5181

Sweetspot

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



60.5204, 78.0937, 103.9806



82.5327, 92.6845, 108.1477



49.6003, 76.6919, 37.3316



17.2972, 19.6202, 23.1254



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

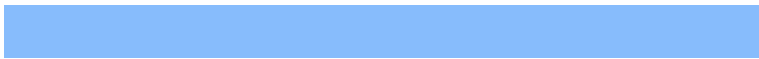
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5204, 78.0937, 103.9806



58.2266, 77.6159, 106.5202



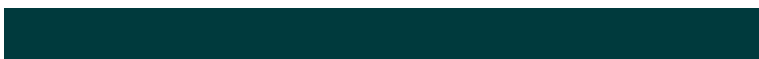
45.4727, 47.9983, 98.9647



17.6851, 19.4471, 22.2068



25.2782, 35.9120, 53.5730



2.3639, 3.3715, 4.9694

Inverse Universe

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



65.4453, 44.6792, 92.3667



63.9499, 39.6500, 92.8293



65.0238, 63.4547, 31.7444



17.9524, 17.5083, 21.6048



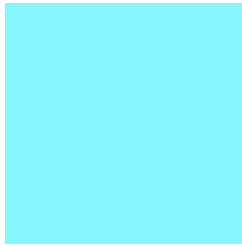
29.0513, 14.0362, 43.8401



2.7021, 1.3046, 4.1208

Previews

White Background



This preview shows how the XYZ color 60.5181, 78.0907, 103.9788 looks on a white background.

Color Contrast Check

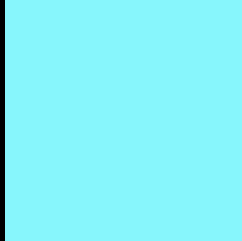
Large Text (above 18pt) WCAG AA × Fail

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 60.5181, 78.0907, 103.9788 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 60.5181, 78.0907, 103.9788

Background



This preview shows how black text looks on a background with the XYZ color 60.5181, 78.0907, 103.9788.

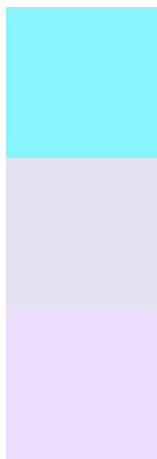


This preview shows how white text looks on a background with the XYZ color 60.5181, 78.0907,

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

60.5181, 78.0907, 103.9788

Protanopia

74.9194, 77.1780, 93.3862

Deuteranopia

78.4322, 77.1247, 105.3605



Tritanopia

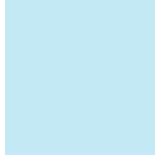
65.1464, 77.7557, 106.1825

Trichromacy



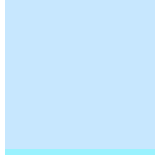
Original Color

60.5181, 78.0907, 103.9788



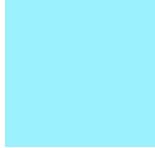
Protanomaly

67.7162, 76.2788, 96.7422



Deuteranomaly

70.0185, 76.4497, 104.8318



Tritanomaly

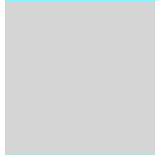
63.1591, 77.6286, 105.4209

Monochromacy



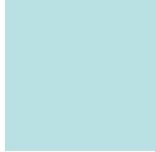
Original Color

60.5181, 78.0907, 103.9788



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.7979, 69.7108, 82.9242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5181, 78.0907, 103.9788 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(135, 246, 252)` looks like.

```
.text, #text, p{  
    color:rgb(135, 246, 252)  
}
```

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(135, 246, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 246, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.5181, 78.0907, 103.9788 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(135, 246, 252) }
```


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

```
.border{ border-color:rgb(135, 246, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 246, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 246, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 246, 252); box-shadow:4px 4px 4px 4px rgb(135, 246, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5181, 78.0907, 103.9788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 246, 252) }
```

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

```
.background{ background-color: rgb(135,  
246, 252) }
```

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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