

Converting Colors

XYZ(60.0012, 78.2040, 86.7954)

Have a look what the booklet for
XYZ(60.0012, 78.2040, 86.7954)
contains.

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Color

**XYZ(60.0012, 78.2040,
86.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	97F6E6
RGB	151, 246, 230
RGB Percent	59%, 96%, 90%
CMY	0.4078, 0.0353, 0.0980
CMYK	0.39, 0.00, 0.07, 0.04
HSL	170°, 84%, 78%
HSV	170°, 39%, 96%
XYZ	60.0012, 78.2040, 86.7954
YIQ	215.7710, -51.4840, -25.1160

Conversions

Conversions Part 2

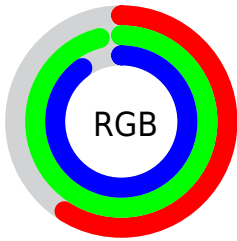
Format	Color
R_{YB}	151, 203, 246
Decimal	9959142
CIE _{Lab}	90.87, -31.74, -1.18
CIE _{LCh}	91, 31.760, 182.127
Yxy	78.2040, 0.2667, 0.3476
Android (android.graphics.Color)	4288149222 (0xFF97F6E6)
YUV	215.7710, 7.0149, -56.8042
Hunter-Lab	88.4330, -33.6468, 3.7111

Details

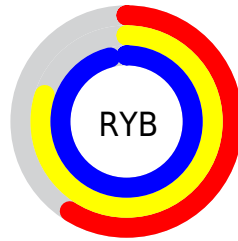
The XYZ color **60.0012, 78.2040, 86.7954** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.0504, 44.5182, 42.2009**, and the grayscale version is **65.0951, 68.4852, 74.5803**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **30.5516, 41.8700, 47.0289** is the 20% darker color. If you saturate the color by 10%, you get **55.3288, 75.8637, 83.5764**, and if you desaturate by 10%, it is **65.6444, 81.0471, 90.1355**.

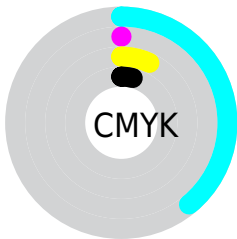
Distribution



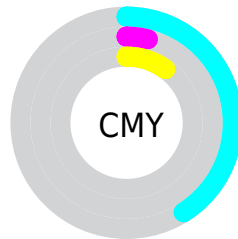
- Red (59%)
- Green (96%)
- Blue (90%)



- Red (59%)
- Yellow (80%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0012, 78.2040, 86.7954 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 60.0012, 78.2040, 86.7954 by changing the saturation by 10% instead.


 60.0012, 78.2040,
86.7954


 60.0012, 78.2040,
86.7954


414.4369,
488.8594, 537.8491

 43.6691, 58.2416,
64.7672


 103.9377,
130.8377, 144.7753

 30.6072, 42.0029,
46.8222


 132.2729,
164.2777, 181.5641

 20.4503, 29.1036,
32.5418


165.3397,
202.9790, 224.1102

 12.8329, 19.1592,
21.5074

203.5036,
247.3261, 272.8321

 7.3898, 11.7853,
13.3006

247.1299,
297.7032, 328.1484

 3.7556, 6.5977,
7.5027

296.5840,

 1.5648, 3.2118,

354.4949, 390.4777

3.6952

352.2312,
418.0855, 460.2384

0.3693, 1.2433,
1.4597

0.0000, 0.0966,
0.1876

60.0012, 78.2040,
86.7954

60.0012, 78.2040,
86.7954

55.3288, 75.8637,
83.5764

65.6444, 81.0471,
90.1355

51.5608, 73.9861,
80.4697

72.3064, 84.4118,
93.5943

48.6327, 72.5399,
77.4735

80.0398, 88.3273,
97.1764

46.4689, 71.4861,
74.5839

88.8920, 92.8178,
100.8846

■ 44.9797, 70.7785,
71.7961

■ 91.5657, 94.1217,
104.3777

■ 44.0359, 70.3506,
69.1035

■ 92.2254, 94.3855,
107.8513

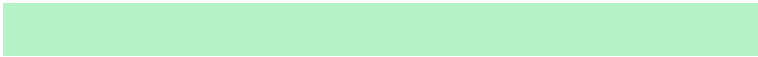
■ 43.9242, 70.3010,
68.7375

■ 92.2471, 94.3942,
107.9657

Harmonies

Analogous

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



61.5515, 78.2040, 66.1802



60.0012, 78.2040, 86.7954



62.0560, 78.2040, 110.7779

Triad

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



60.0012, 78.2040, 86.7954



82.8099, 78.2040, 128.1468



81.7524, 78.2040, 51.8579

Complementary

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



60.0012, 78.2040, 86.7954



56.0504, 44.5182, 42.2009

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.



88.1255, 78.2040, 63.8164



60.0012, 78.2040, 86.7954



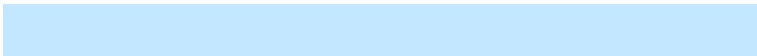
88.7662, 78.2040, 107.4391

Square

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



60.0012, 78.2040, 86.7954



74.9026, 78.2040, 137.1648



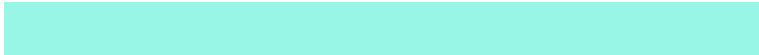
90.7769, 78.2040, 83.5272



73.7614, 78.2040, 48.2944

Rectangle

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



60.0012, 78.2040, 86.7954



65.2860, 78.2040, 124.8506



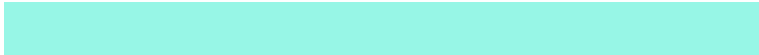
90.7769, 78.2040, 83.5272



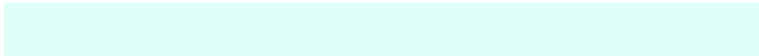
84.1741, 78.2040, 54.9089

Sweetspot

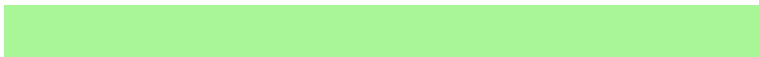
The Sweet Spot groups the original color and five complimentary colors.



60.0034, 78.2071, 86.7972



83.8557, 94.3237, 104.1022



54.7814, 76.5197, 41.1622



17.7104, 20.0686, 22.1729



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.



60.0034, 78.2071, 86.7972



61.2219, 82.9098, 91.5565



53.9340, 62.3049, 96.3757



16.8698, 18.7071, 20.5988



23.4896, 37.5407, 36.9276



2.0956, 3.3119, 3.4092

Inverse Universe

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



56.0504, 44.5182, 42.2009



56.4106, 41.8010, 37.1993



60.1354, 54.9113, 36.7092



16.6130, 16.5281, 17.7087



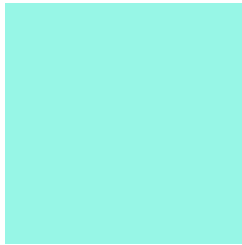
20.5382, 10.5587, 2.2766



1.8371, 0.9408, 0.3685

Previews

White Background



This preview shows how the XYZ color 60.0012, 78.2040, 86.7954 looks on a white background.

Color Contrast Check

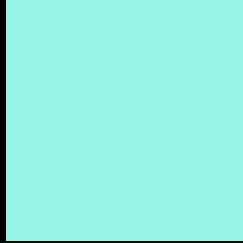
Large Text (above 18pt) WCAG AA × Fail

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 60.0012, 78.2040, 86.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

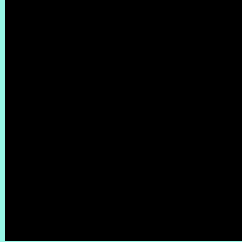
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0012, 78.2040, 86.7954

Background



This preview shows how black text looks on a background with the XYZ color 60.0012, 78.2040, 86.7954.



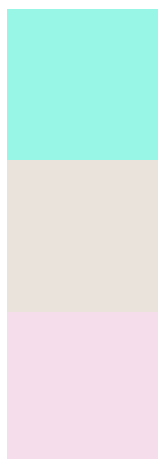
This preview shows how white text looks on a background with the XYZ color 60.0012, 78.2040,

86.7954.

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

60.0012, 78.2040, 86.7954

Protanopia

74.1870, 77.5451, 78.0755

Deuteranopia

78.8579, 77.3039, 89.3621



Tritanopia

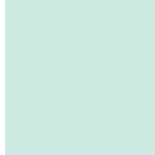
66.3721, 77.9517, 106.1557

Trichromacy



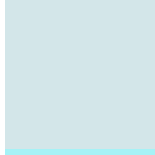
Original Color

60.0012, 78.2040, 86.7954



Protanomaly

67.6439, 77.0107, 81.1114



Deuteranomaly

69.8688, 76.3257, 88.1407



Tritanomaly

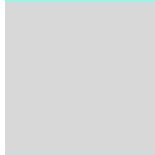
64.1126, 78.2651, 98.9164

Monochromacy



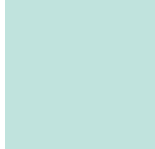
Original Color

60.0012, 78.2040, 86.7954



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.2585, 71.3651, 78.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0012, 78.2040, 86.7954 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(151, 246, 230)` looks like.

```
.text, #text, p{  
    color:rgb(151, 246, 230)  
}
```

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(151, 246, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 246, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.0012, 78.2040, 86.7954 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(151, 246, 230) }
```


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

```
.border{ border-color:rgb(151, 246, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 246, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 246, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 246, 230);  
box-shadow:4px 4px 4px 4px rgb(151, 246,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0012, 78.2040, 86.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 246, 230) }
```

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

```
.background{ background-color: rgb(151,  
246, 230) }
```

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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