

Converting Colors

XYZ(60.7281, 80.6571, 87.9529)

Have a look what the booklet for
XYZ(60.7281, 80.6571, 87.9529)
contains.

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Color

**XYZ(60.7750, 80.8749,
88.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	92FBE7
RGB	146, 251, 231
RGB Percent	57%, 98%, 91%
CMY	0.4274, 0.0157, 0.0941
CMYK	0.42, 0.00, 0.08, 0.02
HSL	169°, 93%, 78%
HSV	169°, 42%, 98%
XYZ	60.7750, 80.8749, 88.0085
YIQ	217.3250, -56.1600, -28.4800

Conversions

Conversions Part 2

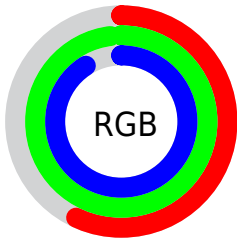
Format	Color
RYB	146, 204, 251
Decimal	9632743
CIELab	92.08, -35.09, 0.04
CIElCh	92, 35.088, 179.942
Yxy	80.8749, 0.2646, 0.3522
Android (android.graphics.Color)	4287822823 (0xFF92FBE7)
YUV	217.3250, 6.7418, -62.5520
Hunter-Lab	89.9305, -36.7481, 4.9285

Details

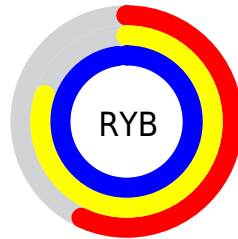
The XYZ color **60.7750, 80.8749, 88.0085** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.9482, 43.8223, 41.5364**, and the grayscale version is **66.1609, 69.6064, 75.8014**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **31.1528, 43.7929, 47.8852** is the 20% darker color. If you saturate the color by 10%, you get **56.1279, 78.5582, 84.3150**, and if you desaturate by 10%, it is **66.4247, 83.7103, 91.8488**.

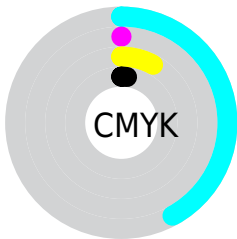
Distribution



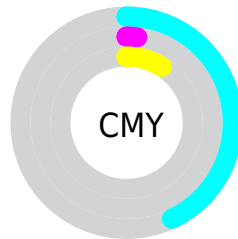
- Red (57%)
- Green (98%)
- Blue (91%)



- Red (57%)
- Yellow (80%)
- Blue (98%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)





- Cyan (43%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7750, 80.8749, 88.0085 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 60.7750, 80.8749, 88.0085 by changing the saturation by 10% instead.


 60.7750, 80.8749,
88.0085


 60.7750, 80.8749,
88.0085


417.2376,
497.8764, 541.9331

 44.2955, 60.4386,
65.7657


 105.0530,
134.5951, 146.4802

 31.1018, 43.7722,
47.6270


 133.5823,
168.6478, 183.5463

 20.8286, 30.4915,
33.1737


166.8587,
208.0080, 226.3905

 13.1105, 20.2119,
21.9873

205.2479,
253.0602, 275.4314

 7.5822, 12.5492,
13.6494

249.1149,
304.1887, 331.0876

 3.8783, 7.1189,
7.7412

298.8254,

 1.6335, 3.5366,

361.7780, 393.7776

3.8444

354.7445,
426.2125, 463.9199

■ 0.4141, 1.4179,
1.5404

■ 0.0000, 0.2298,
0.2477

■ 60.7750, 80.8749,
88.0085

■ 60.7750, 80.8749,
88.0085

■ 56.1279, 78.5582,
84.3150

■ 66.4247, 83.7103,
91.8488

■ 52.4114, 76.7172,
80.7589

■ 73.1290, 87.0853,
95.8337

■ 49.5551, 75.3175,
77.3378

■ 80.9447, 91.0310,
99.9685

■ 47.4754, 74.3160,
74.0471

■ 89.9224, 95.5736,
104.2562

■ 46.0713, 73.6608,
70.8812

■ 93.7741, 97.4714,
108.4032

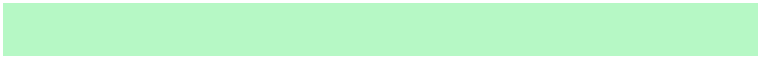
■ 45.3005, 73.3180,
68.3817

■ 93.7886, 97.4772,
108.4795

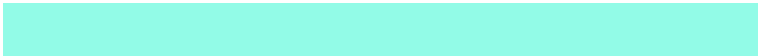
Harmonies

Analogous

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



62.7942, 80.8749, 65.4188



60.7750, 80.8749, 88.0085



62.7788, 80.8749, 115.2946

Triad

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



60.7750, 80.8749, 88.0085



85.8687, 80.8749, 138.5811



85.9016, 80.8749, 51.6395

Complementary

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



60.7750, 80.8749, 88.0085



56.9482, 43.8223, 41.5364

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.



92.9243, 80.8749, 65.4906



60.7750, 80.8749, 88.0085



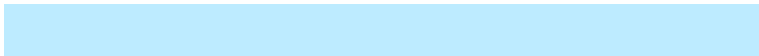
92.9042, 80.8749, 115.3993

Square

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



60.7750, 80.8749, 88.0085



76.8515, 80.8749, 147.7594



95.5799, 80.8749, 88.1096



76.8868, 80.8749, 47.0930

Rectangle

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



60.7750, 80.8749, 88.0085



66.2238, 80.8749, 131.8848



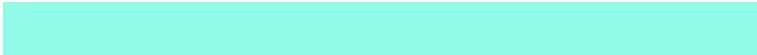
95.5799, 80.8749, 88.1096



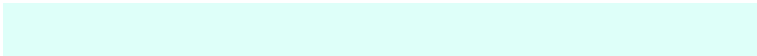
88.5983, 80.8749, 55.2083

Sweetspot

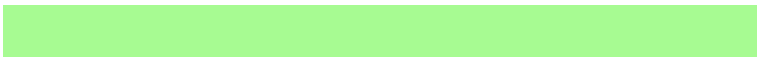
The Sweet Spot groups the original color and five complimentary colors.



60.7773, 80.8781, 88.0104



82.8880, 93.8458, 103.1105



55.6243, 79.2885, 39.5680



17.3433, 19.8857, 21.8652



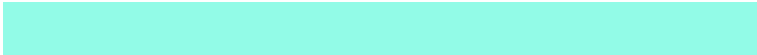
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.7773, 80.8781, 88.0104



58.9701, 81.8237, 88.0731



54.7312, 64.0031, 100.7397



17.6157, 19.5485, 21.4428



23.8625, 38.5580, 36.2147



2.2453, 3.5852, 3.5397

Inverse Universe

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



56.9482, 43.8223, 41.5364



54.5443, 38.8283, 34.2350



60.7957, 54.2291, 34.4585



17.3797, 17.2792, 18.5892



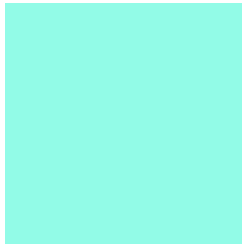
21.2296, 10.9075, 2.6513



2.0011, 1.0242, 0.4292

Previews

White Background



This preview shows how the XYZ color 60.7750, 80.8749, 88.0085 looks on a white background.

Color Contrast Check

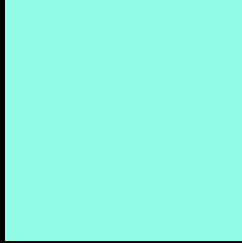
Large Text (above 18pt) WCAG AA × Fail

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 60.7750, 80.8749, 88.0085 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 60.7750, 80.8749, 88.0085

Background



This preview shows how black text looks on a background with the XYZ color 60.7750, 80.8749, 88.0085.

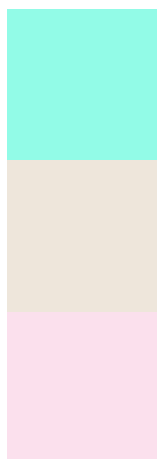


This preview shows how white text looks on a background with the XYZ color 60.7750, 80.8749,

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

60.7750, 80.8749, 88.0085

Protanopia

76.3429, 79.8852, 78.4135

Deuteranopia

81.7254, 79.9350, 91.2424



Tritanopia

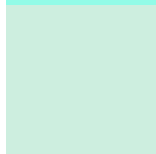
69.2725, 80.3209, 106.4602

Trichromacy



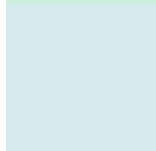
Original Color

60.7750, 80.8749, 88.0085



Protanomaly

69.0707, 79.4559, 81.5082



Deuteranomaly

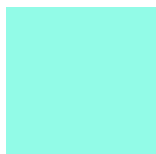
71.8588, 78.9899, 90.0565



Tritanomaly

65.8645, 80.5047, 99.2563

Monochromacy



Original Color

60.7750, 80.8749, 88.0085



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.6900, 72.3889, 79.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7750, 80.8749, 88.0085 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(146, 251, 231)` looks like.

```
.text, #text, p{  
    color:rgb(146, 251, 231)  
}
```

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(146, 251, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 251, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.7750, 80.8749, 88.0085 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(146, 251, 231) }
```


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

```
.border{ border-color:rgb(146, 251, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 251, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 251, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 251, 231);  
box-shadow:4px 4px 4px 4px rgb(146, 251,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7750, 80.8749, 88.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 251, 231) }
```

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

```
.background{ background-color: rgb(146,  
251, 231) }
```

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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