

Converting Colors

XYZ(57.4743, 66.8617, 97.8721)

Have a look what the booklet for
XYZ(57.4743, 66.8617, 97.8721)
contains.

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Color

**XYZ(57.4743, 66.8617,
97.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDFF7
RGB	159, 223, 247
RGB Percent	62%, 87%, 97%
CMY	0.3765, 0.1255, 0.0314
CMYK	0.36, 0.10, 0.00, 0.03
HSL	196°, 85%, 80%
HSV	196°, 36%, 97%
XYZ	57.4743, 66.8617, 97.8721
YIQ	206.6000, -45.8480, -6.1040

Conversions

Conversions Part 2

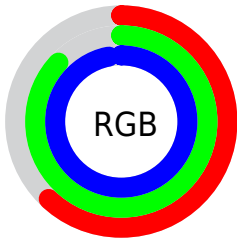
Format	Color
RYB	159, 196, 247
Decimal	10477559
CIELab	85.43, -14.40, -18.13
CIELCh	85, 23.155, 231.538
Yxy	66.8617, 0.2587, 0.3009
Android (android.graphics.Color)	4288667639 (0xFF9FDFF7)
YUV	206.6000, 19.9172, -41.7452
Hunter-Lab	81.7690, -17.6306, -13.7279

Details

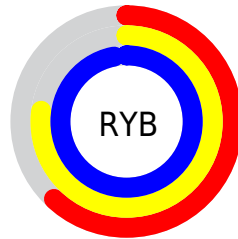
The XYZ color **57.4743, 66.8617, 97.8721** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.5505, 56.1454, 40.3958**, and the grayscale version is **58.9498, 62.0198, 67.5396**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **29.1155, 34.7099, 54.4553** is the 20% darker color. If you saturate the color by 10%, you get **51.2934, 61.0581, 97.0788**, and if you desaturate by 10%, it is **64.7096, 73.3183, 98.7382**.

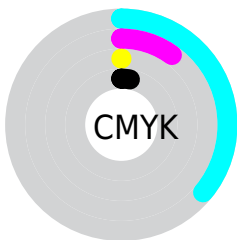
Distribution



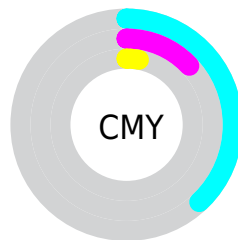
- Red (62%)
- Green (87%)
- Blue (97%)



- Red (62%)
- Yellow (77%)
- Blue (97%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)





- Cyan (38%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4743, 66.8617, 97.8721 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 57.4743, 66.8617, 97.8721 by changing the saturation by 10% instead.


 57.4743, 66.8617,
97.8721


 57.4743, 66.8617,
97.8721


405.2097,
449.4523, 574.5369

 41.6278, 48.9722,
73.9177

 100.2843,
114.7222, 160.2562

 28.9998, 34.5975,
54.2303

 127.9785,
145.4621, 199.5229

 19.2249, 23.3530,
38.3914


160.3526,
181.2542, 244.7308

 11.9379, 14.8543,
25.9824

197.7720,
222.4829, 296.2984

 6.7733, 8.7172,
16.5848

240.6021,
269.5327, 354.6443

 3.3658, 4.5572,
9.7801

289.2081,

 1.3500, 1.9899,

322.7880, 420.1870

5.1497

343.9556,
382.6330, 493.3450

■ 0.2202, 0.6016,
2.2751

■ 0.0000, 0.0000,
0.7172

■ 57.4743, 66.8617,
97.8721

■ 57.4743, 66.8617,
97.8721

■ 51.2934, 61.0581,
97.0788

■ 64.7096, 73.3183,
98.7382

■ 46.1012, 55.8676,
96.3506

■ 73.0476, 80.4493,
99.6751

■ 41.8342, 51.2580,
95.6858

■ 82.5411, 88.2847,
100.6871

■ 38.4181, 47.1896,
95.0805

■ 92.1980, 96.3141,
101.7280

■ 35.7665, 43.6166,
94.5306

■ 93.7887, 99.4955,
102.2582

■ 33.7729, 40.4828,
94.0308

■ 33.0379, 39.2138,
93.8246

Harmonies

Analogous

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



54.6131, 66.8617, 83.9412



57.4743, 66.8617, 97.8721



62.0757, 66.8617, 105.3126

Triad

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



57.4743, 66.8617, 97.8721



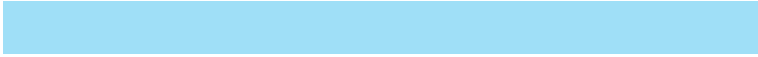
74.0694, 66.8617, 77.1399



59.9149, 66.8617, 49.0797

Complementary

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



57.4743, 66.8617, 97.8721



61.5505, 56.1454, 40.3958

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.



65.0475, 66.8617, 47.7810



57.4743, 66.8617, 97.8721



73.4123, 66.8617, 62.6929

Square

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



57.4743, 66.8617, 97.8721



71.7886, 66.8617, 92.3094



70.0396, 66.8617, 52.4248



55.9673, 66.8617, 56.2552

Rectangle

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



57.4743, 66.8617, 97.8721



65.5910, 66.8617, 104.9683



70.0396, 66.8617, 52.4248



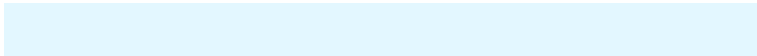
61.5519, 66.8617, 47.9848

Sweetspot

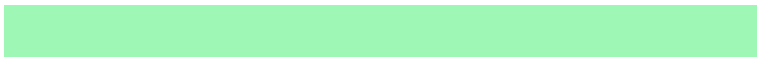
The Sweet Spot groups the original color and five complimentary colors.



57.4764, 66.8643, 97.8737



83.0809, 90.2789, 107.6545



56.0523, 77.2906, 56.4754



17.4900, 19.0809, 23.0111



0.0000, 0.0000, 0.0000



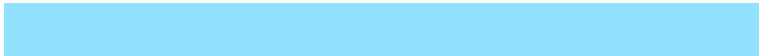
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4764, 66.8643, 97.8737



56.7405, 67.1749, 104.5832



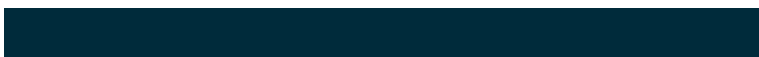
47.3155, 46.5427, 94.4867



16.5922, 17.9488, 21.1325



17.5968, 20.9873, 49.6615



1.6318, 2.0150, 4.3932

Inverse Universe

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



64.0770, 49.9000, 76.0693



65.0229, 47.0595, 76.9604



71.9407, 76.9258, 43.8592



17.0095, 16.6867, 19.7967



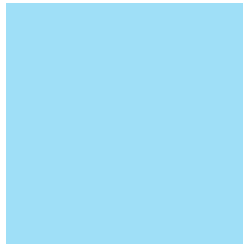
24.6865, 12.2181, 24.1215



2.2127, 1.0910, 2.3465

Previews

White Background



This preview shows how the XYZ color 57.4743, 66.8617, 97.8721 looks on a white background.

Color Contrast Check

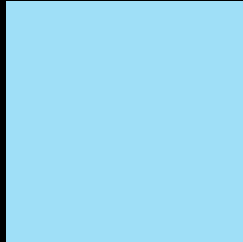
Large Text (above 18pt) WCAG AA × Fail

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 57.4743, 66.8617, 97.8721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

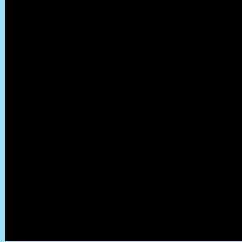
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4743, 66.8617, 97.8721

Background



This preview shows how black text looks on a background with the XYZ color 57.4743, 66.8617, 97.8721.

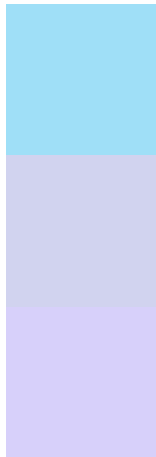


This preview shows how white text looks on a background with the XYZ color 57.4743, 66.8617,

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

57.4743, 66.8617, 97.8721

Protanopia

65.1687, 66.3758, 91.0384

Deuteranopia

67.8355, 66.4610, 99.6954



Tritanopia

56.7832, 66.9912, 93.9422

Trichromacy



Original Color

57.4743, 66.8617, 97.8721

Protanomaly

61.8133, 66.0880, 93.5028

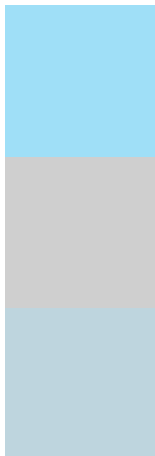
Deuteranomaly

63.3988, 66.0302, 99.0262

Tritanomaly

57.0853, 67.1121, 95.5332

Monochromacy



Original Color

57.4743, 66.8617, 97.8721

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.2143, 63.8096, 78.3555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4743, 66.8617, 97.8721 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(159, 223, 247)` looks like.

```
.text, #text, p{  
    color:rgb(159, 223, 247)  
}
```

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(159, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 223, 247) }
```

Border

The CSS property to change the border of an element to XYZ 57.4743, 66.8617, 97.8721 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(159, 223, 247) }
```


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

```
.border{ border-color:rgb(159, 223, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 223, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(159, 223,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4743, 66.8617, 97.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 223, 247) }
```

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

```
.background{ background-color: rgb(159,  
223, 247) }
```

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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