

Converting Colors

XYZ(57.0799, 66.6366, 98.3706)

Have a look what the booklet for
XYZ(57.0799, 66.6366, 98.3706)
contains.

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Color

**XYZ(57.2356, 66.7208,
98.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDFF8
RGB	157, 223, 248
RGB Percent	62%, 87%, 97%
CMY	0.3843, 0.1255, 0.0274
CMYK	0.37, 0.10, 0.00, 0.03
HSL	196°, 87%, 79%
HSV	196°, 37%, 97%
XYZ	57.2356, 66.7208, 98.6687
YIQ	206.1160, -47.3610, -6.2170

Conversions

Conversions Part 2

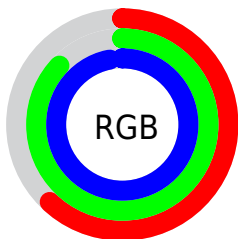
Format	Color
R _Y B	157, 195, 248
Decimal	10346488
CIE Lab	85.36, -14.68, -18.78
CIE LCh	85, 23.835, 231.977
Yxy	66.7208, 0.2571, 0.2997
Android (android.graphics.Color)	4288536568 (0xFF9DDFF8)
YUV	206.1160, 20.6488, -43.0747
Hunter-Lab	81.6828, -17.8689, -14.4414

Details

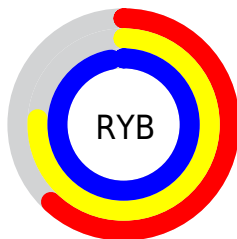
The XYZ color **57.2356, 66.7208, 98.6687** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.5263, 55.8476, 39.4370**, and the grayscale version is **58.6359, 61.6895, 67.1799**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **28.8839, 34.5777, 55.0210** is the 20% darker color. If you saturate the color by 10%, you get **51.0960, 60.9092, 97.8717**, and if you desaturate by 10%, it is **64.4345, 73.1903, 99.5392**.

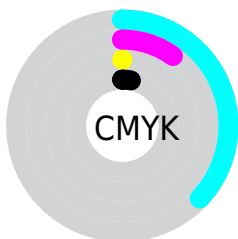
Distribution



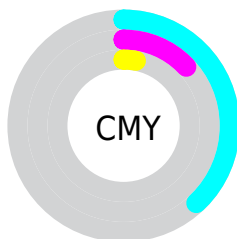
- Red (62%)
- Green (87%)
- Blue (97%)



- Red (62%)
- Yellow (76%)
- Blue (97%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2356, 66.7208, 98.6687 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 57.2356, 66.7208, 98.6687 by changing the saturation by 10% instead.

■ 57.2356, 66.7208,
98.6687

■ 57.2356, 66.7208,
98.6687

404.3315,
448.9503, 577.1261

■ 41.4353, 48.8578,
74.5785

■ 99.9383, 114.5203,
161.3624

■ 28.8485, 34.5067,
54.7680

■ 127.5713,
145.2255, 200.8029

■ 19.1100, 23.2831,
38.8187

159.8794,
180.9802, 246.1973

■ 11.8543, 14.8027,
26.3119

197.2277,
222.1688, 297.9641

■ 6.7160, 8.6810,
16.8293

239.9817,
269.1757, 356.5218

■ 3.3299, 4.5337,
9.9522

288.5068,

■ 1.3305, 1.9764,

322.3854, 422.2890

5.2621

343.1683,
382.1821, 495.6843

■ 0.2059, 0.5937,
2.3404

■ 0.0000, 0.0000,
0.7537

■ 57.2356, 66.7208,
98.6687

■ 57.2356, 66.7208,
98.6687

■ 51.0960, 60.9092,
97.8717

■ 64.4345, 73.1903,
99.5392

■ 45.9490, 55.7152,
97.1404

■ 72.7422, 80.3399,
100.4813

■ 41.7295, 51.1055,
96.4731

■ 82.2123, 88.1999,
101.4993

■ 38.3613, 47.0397,
95.8658

■ 92.4484, 96.5671,
102.5749

■ 35.7556, 43.4704,
95.3142

■ 93.9435, 99.5574,
103.0732

■ 33.8003, 40.3386,
94.8128

■ 33.2394, 39.3692,
94.6552

Harmonies

Analogous

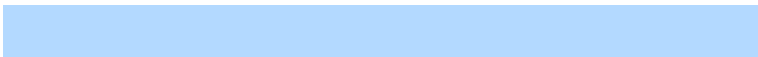
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.2704, 66.7208, 84.3488



57.2356, 66.7208, 98.6687



61.9786, 66.7208, 106.2341

Triad

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



57.2356, 66.7208, 98.6687



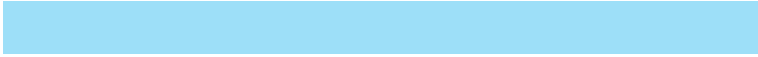
74.2583, 66.7208, 76.8754



59.6108, 66.7208, 48.4231

Complementary

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



57.2356, 66.7208, 98.6687



61.5263, 55.8476, 39.4370

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.



64.8756, 66.7208, 47.0108



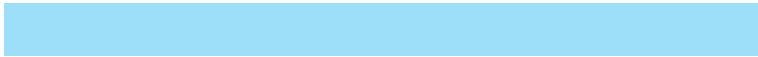
57.2356, 66.7208, 98.6687



73.5356, 66.7208, 62.0819

Square

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



57.2356, 66.7208, 98.6687



71.9485, 66.7208, 92.5377



70.0263, 66.7208, 51.6579



55.5865, 66.7208, 55.8337

Rectangle

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



57.2356, 66.7208, 98.6687



65.5944, 66.7208, 105.7758



70.0263, 66.7208, 51.6579



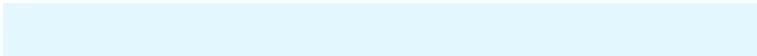
61.2866, 66.7208, 47.2778

Sweetspot

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



57.2377, 66.7234, 98.6703



83.0637, 90.2446, 107.6488



55.8415, 77.6515, 55.9065



17.4859, 19.0727, 23.0097



0.0000, 0.0000, 0.0000



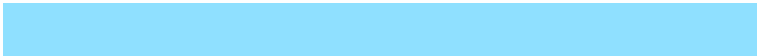
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2377, 66.7234, 98.6703



56.0467, 66.4489, 104.4797



46.8164, 45.8810, 95.1965



17.3391, 18.7549, 22.0915



18.0790, 21.5136, 51.1732



1.7629, 2.1695, 4.7690

Inverse Universe

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



64.0894, 49.3999, 75.9722



64.5112, 46.2364, 76.1722



72.2039, 77.2029, 42.9962



17.7777, 17.4384, 20.6850



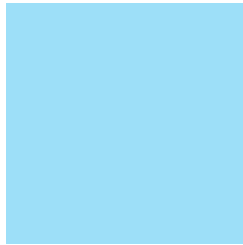
25.4175, 12.5827, 24.7046



2.3988, 1.1832, 2.5233

Previews

White Background



This preview shows how the XYZ color 57.2356, 66.7208, 98.6687 looks on a white background.

Color Contrast Check

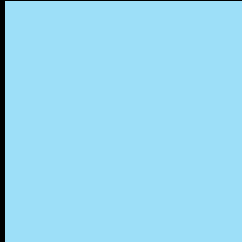
Large Text (above 18pt) WCAG AA × Fail

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 57.2356, 66.7208, 98.6687 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 57.2356, 66.7208, 98.6687

Background



This preview shows how black text looks on a background with the XYZ color 57.2356, 66.7208, 98.6687.



This preview shows how white text looks on a background with the XYZ color 57.2356, 66.7208,

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

57.2356, 66.7208, 98.6687

Protanopia

65.0349, 66.2897, 91.8056

Deuteranopia

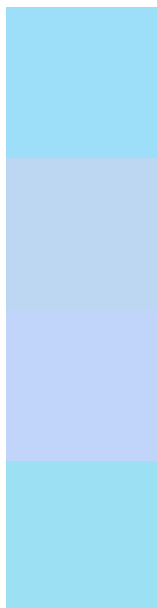
67.7000, 66.3729, 100.5099



Tritanopia

56.2002, 66.6907, 93.9149

Trichromacy



Original Color

57.2356, 66.7208, 98.6687

Protanomaly

61.4644, 65.8908, 94.2727

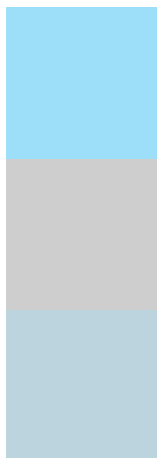
Deuteranomaly

63.0419, 65.8281, 99.8259

Tritanomaly

56.6951, 66.9109, 95.5149

Monochromacy



Original Color

57.2356, 66.7208, 98.6687

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3337, 62.9988, 77.5448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2356, 66.7208, 98.6687 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(157, 223, 248)` looks like.

```
.text, #text, p{  
    color:rgb(157, 223, 248)  
}
```

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(157, 223, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 223, 248) }
```

Border

The CSS property to change the border of an element to XYZ 57.2356, 66.7208, 98.6687 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(157, 223, 248) }
```


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

```
.border{ border-color:rgb(157, 223, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 223, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(157, 223,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2356, 66.7208, 98.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 223, 248) }
```

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

```
.background{ background-color: rgb(157,  
223, 248) }
```

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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