

Converting Colors

XYZ(57.4121, 70.6188, 92.8807)

Have a look what the booklet for
XYZ(57.4121, 70.6188, 92.8807)
contains.

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Color

**XYZ(57.5337, 70.6799,
93.0483)**

Conversions

Conversions Part 1

Format	Color
Hex	98E8F0
RGB	152, 232, 240
RGB Percent	60%, 91%, 94%
CMY	0.4039, 0.0902, 0.0588
CMYK	0.37, 0.03, 0.00, 0.06
HSL	185°, 75%, 77%
HSV	185°, 37%, 94%
XYZ	57.5337, 70.6799, 93.0483
YIQ	208.9920, -50.2480, -14.4720

Conversions

Conversions Part 2

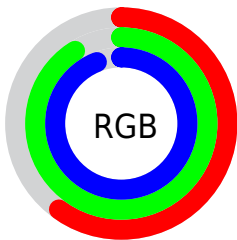
Format	Color
R_{YB}	152, 194, 240
Decimal	10021104
CIE _{Lab}	87.33, -22.43, -11.64
CIE _{LCh}	87, 25.266, 207.429
Yxy	70.6799, 0.2600, 0.3194
Android (android.graphics.Color)	4288211184 (0xFF98E8F0)
YUV	208.9920, 15.2869, -49.9820
Hunter-Lab	84.0713, -24.9695, -6.7709

Details

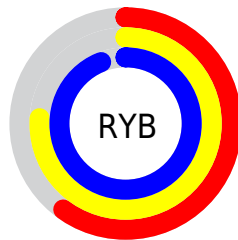
The XYZ color **57.5337, 70.6799, 93.0483** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.1746, 45.9348, 35.7185**, and the grayscale version is **60.5278, 63.6800, 69.3475**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **29.0009, 36.9982, 50.9602** is the 20% darker color. If you saturate the color by 10%, you get **52.8786, 67.3760, 92.6571**, and if you desaturate by 10%, it is **63.1094, 74.4732, 93.4878**.

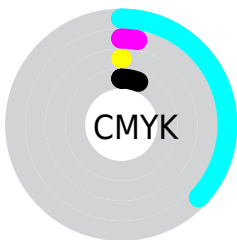
Distribution



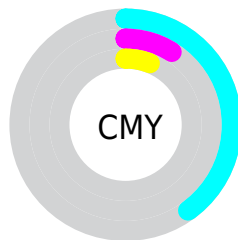
- Red (60%)
- Green (91%)
- Blue (94%)



- Red (60%)
- Yellow (76%)
- Blue (94%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)




- Cyan (40%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5337, 70.6799, 93.0483 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 57.5337, 70.6799, 93.0483 by changing the saturation by 10% instead.


 57.5337, 70.6799,
93.0483


 57.5337, 70.6799,
93.0483


405.4281,
462.9337, 558.7217

 41.6757, 52.0810,
69.9238


 100.3704,
120.1778, 153.5378

 29.0374, 37.0697,
50.9880


 128.0798,
151.8457, 191.7398

 19.2536, 25.2614,
35.8224


160.4703,
188.6386, 235.8047

 11.9587, 16.2719,
24.0084

197.9074,
230.9410, 286.1510

 6.7876, 9.7168,
15.1276

240.7564,
279.1374, 343.1974

 3.3748, 5.2116,
8.7614

289.3825,

 1.3549, 2.3719,

333.6120, 407.3622

4.4912

344.1513,
394.7493, 479.0642

■ 0.2237, 0.8114,
1.8985

■ 0.0000, 0.0000,
0.4918

■ 57.5337, 70.6799,
93.0483

■ 57.5337, 70.6799,
93.0483

■ 52.8786, 67.3760,
92.6571

■ 63.1094, 74.4732,
93.4878

■ 49.0827, 64.5245,
92.3068

■ 69.6501, 78.7735,
93.9731

■ 46.0869, 62.0968,
91.9961

■ 77.2045, 83.6078,
94.5081

■ 43.8219, 60.0570,
91.7218

■ 85.8165, 88.9989,
95.0948

■ 42.2065, 58.3632,
91.4800

■ 88.9921, 91.5987,
95.4292

■ 41.1384, 56.9627,
91.2660

■ 89.6484, 92.9114,
95.6480

■ 40.8490, 56.5326,
91.1982

■ 90.3126, 94.2397,
95.8694

■ 90.9845, 95.5835,
96.0933

■ 91.6642, 96.9430,
96.3199

Harmonies

Analogous

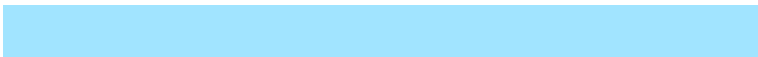
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3926, 70.6799, 75.4988



57.5337, 70.6799, 93.0483



61.2102, 70.6799, 107.9813

Triad

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



57.5337, 70.6799, 93.0483



77.2820, 70.6799, 95.9659



67.6934, 70.6799, 48.6635

Complementary

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



57.5337, 70.6799, 93.0483



54.1746, 45.9348, 35.7185

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.



73.5240, 70.6799, 52.5313



57.5337, 70.6799, 93.0483



79.2602, 70.6799, 78.4367

Square

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



57.5337, 70.6799, 93.0483



72.5845, 70.6799, 109.8329



77.8465, 70.6799, 62.8392



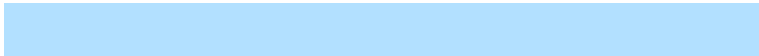
62.0490, 70.6799, 51.4007

Rectangle

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



57.5337, 70.6799, 93.0483



64.7213, 70.6799, 113.5447



77.8465, 70.6799, 62.8392



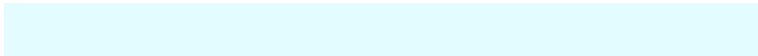
69.6984, 70.6799, 49.2196

Sweetspot

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



57.5358, 70.6827, 93.0499



84.6649, 93.4470, 108.1825



50.3975, 71.5118, 44.1014



17.8696, 19.8401, 23.1376



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

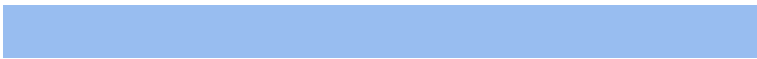
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5358, 70.6827, 93.0499



61.9359, 78.2275, 106.4428



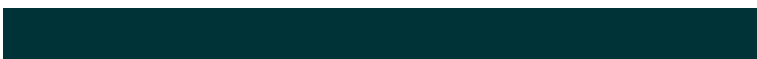
46.8047, 49.2204, 89.4729



16.1174, 17.6689, 20.2826



22.4128, 31.0499, 49.9398



1.9002, 2.6543, 4.1664

Inverse Universe

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



61.7307, 46.8097, 82.1286



67.4838, 47.4255, 91.8258



63.0389, 63.6634, 38.6732



16.3887, 16.0052, 19.6031



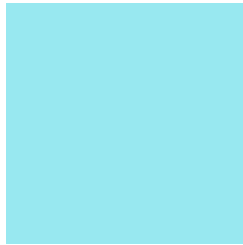
26.6386, 12.9279, 37.6089



2.2341, 1.0827, 3.2234

Previews

White Background



This preview shows how the XYZ color 57.5337, 70.6799, 93.0483 looks on a white background.

Color Contrast Check

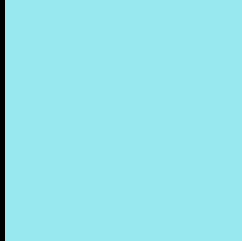
Large Text (above 18pt) WCAG AA × Fail

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 57.5337, 70.6799, 93.0483 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 57.5337, 70.6799, 93.0483

Background



This preview shows how black text looks on a background with the XYZ color 57.5337, 70.6799, 93.0483.

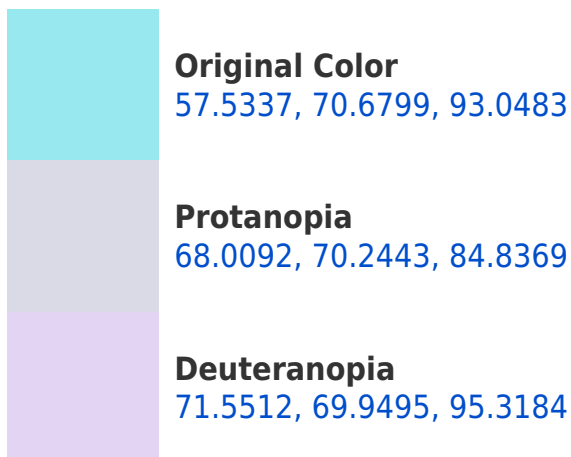


This preview shows how white text looks on a background with the XYZ color 57.5337, 70.6799,

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





Tritanopia

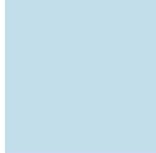
59.0012, 70.8614, 100.1905

Trichromacy



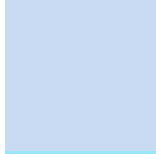
Original Color

57.5337, 70.6799, 93.0483



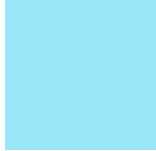
Protanomaly

63.2207, 69.6524, 87.9541



Deuteranomaly

65.3286, 69.4135, 94.7490



Tritanomaly

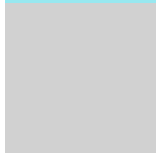
58.3473, 70.5780, 97.7365

Monochromacy



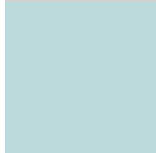
Original Color

57.5337, 70.6799, 93.0483



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.4702, 65.4844, 77.2682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5337, 70.6799, 93.0483 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(152, 232, 240)` looks like.

```
.text, #text, p{  
    color:rgb(152, 232, 240)  
}
```

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(152, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 57.5337, 70.6799, 93.0483 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(152, 232, 240) }
```


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

```
.border{ border-color:rgb(152, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(152, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5337, 70.6799, 93.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 232, 240) }
```

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

```
.background{ background-color: rgb(152,  
232, 240) }
```

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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