

Converting Colors

XYZ(56.9593, 69.2585, 87.1143)

Have a look what the booklet for
XYZ(56.9593, 69.2585, 87.1143)
contains.

XYZ(57.0254, 69.2927, 87.4601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0254, 69.2927,
87.4601)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE5E9
RGB	159, 229, 233
RGB Percent	62%, 90%, 91%
CMY	0.3765, 0.1019, 0.0863
CMYK	0.32, 0.02, 0.00, 0.09
HSL	183°, 63%, 77%
HSV	183°, 32%, 91%
XYZ	57.0254, 69.2927, 87.4601
YIQ	208.5260, -43.0040, -13.5960

Conversions

Conversions Part 2

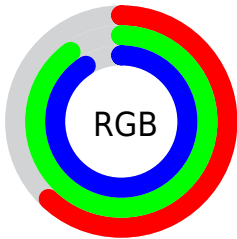
Format	Color
RYB	159, 195, 233
Decimal	10479081
CIELab	86.65, -20.74, -8.93
CIElCh	87, 22.584, 203.302
Yxy	69.2927, 0.2668, 0.3241
Android (android.graphics.Color)	4288669161 (0xFF9FE5E9)
YUV	208.5260, 12.0657, -43.4343
Hunter-Lab	83.2422, -23.3918, -4.0246

Details

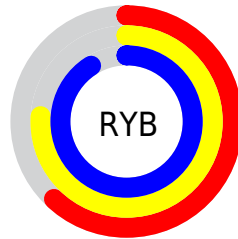
The XYZ color **57.0254, 69.2927, 87.4601** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9605, 46.0220, 38.8944**, and the grayscale version is **60.2414, 63.3786, 69.0193**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **28.5883, 36.0045, 47.0378** is the 20% darker color. If you saturate the color by 10%, you get **52.4869, 66.4395, 87.1498**, and if you desaturate by 10%, it is **62.4415, 72.6054, 87.8152**.

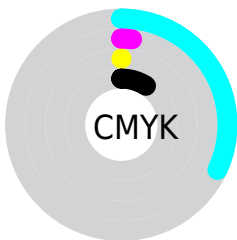
Distribution



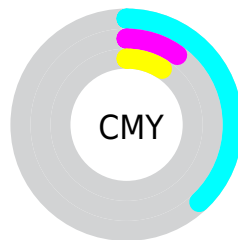
- Red (62%)
- Green (90%)
- Blue (91%)



- Red (62%)
- Yellow (76%)
- Blue (91%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0254, 69.2927, 87.4601 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 57.0254, 69.2927, 87.4601 by changing the saturation by 10% instead.

57.0254, 69.2927,
87.4601

57.0254, 69.2927,
87.4601

403.5571,
458.0626, 540.0890

41.2659, 50.9501,
65.3142

99.6334, 118.1995,
145.7098

28.7155, 36.1689,
47.2630

127.2125,
149.5326, 182.6507

19.0089, 24.5647,
32.8878

159.4623,
185.9646, 225.3604

11.7807, 15.7530,
21.7701

196.7480,
227.8799, 274.2573

6.6657, 9.3496,
13.4913

239.4349,
275.6630, 329.7601

3.2984, 4.9699,
7.6331

287.8885,

1.3134, 2.2296,

329.6982, 392.2873

3.7767

342.4742,
390.3700, 462.2574

■ 0.1933, 0.7361,
1.5036

■ 0.0000, 0.0000,
0.2206

■ 57.0254, 69.2927,
87.4601

■ 57.0254, 69.2927,
87.4601

■ 52.4869, 66.4395,
87.1498

■ 62.4415, 72.6054,
87.8152

■ 48.7706, 64.0123,
86.8771

■ 68.7741, 76.3927,
88.2125

■ 45.8248, 61.9860,
86.6413

■ 76.0675, 80.6790,
88.6554

■ 43.5891, 60.3294,
86.4394

■ 84.3610, 85.4847,
89.1459

■ 41.9941, 59.0069,
86.2682

■ 85.7419, 86.7306,
89.3136

■ 40.9566, 57.9755,
86.1238

■ 86.1041, 87.4551,
89.4343

■ 40.4103, 57.2875,
86.0197

■ 86.4690, 88.1848,
89.5560

■ 86.8363, 88.9196,
89.6784

■ 87.2063, 89.6595,
89.8017

Harmonies

Analogous

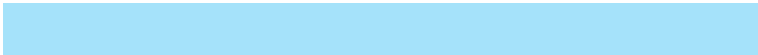
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3434, 69.2927, 72.1290



57.0254, 69.2927, 87.4601



60.0156, 69.2927, 101.0570

Triad

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



57.0254, 69.2927, 87.4601



74.2825, 69.2927, 94.0585



67.0440, 69.2927, 50.2436

Complementary

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



57.0254, 69.2927, 87.4601



52.9605, 46.0220, 38.8944

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.



72.0733, 69.2927, 54.5779



57.0254, 69.2927, 87.4601



76.3935, 69.2927, 78.8673

Square

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



57.0254, 69.2927, 87.4601



69.9312, 69.2927, 105.2061



75.5643, 69.2927, 64.5894



61.9511, 69.2927, 51.9079

Rectangle

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



57.0254, 69.2927, 87.4601



63.0051, 69.2927, 106.6329



75.5643, 69.2927, 64.5894



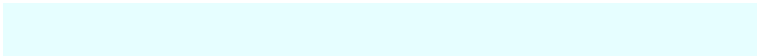
68.8011, 69.2927, 51.0261

Sweetspot

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



57.0275, 69.2955, 87.4617



85.8450, 94.6046, 108.3437



50.0225, 68.2838, 45.0549



18.1183, 20.0978, 23.1743



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.



57.0275, 69.2955, 87.4617



66.2829, 82.7247, 107.0817



47.9232, 51.0869, 84.4269



15.4439, 16.9743, 19.3846



22.9595, 32.5659, 48.8187



1.8242, 2.5999, 3.8406

Inverse Universe

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



60.1470, 47.7788, 80.1839



70.7024, 52.6353, 96.6828



60.4486, 60.9981, 41.3904



15.6776, 15.2989, 18.8536



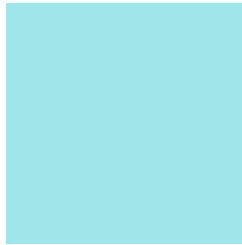
26.4442, 12.7804, 39.7359



2.0873, 1.0079, 3.1770

Previews

White Background



This preview shows how the XYZ color 57.0254, 69.2927, 87.4601 looks on a white background.

Color Contrast Check

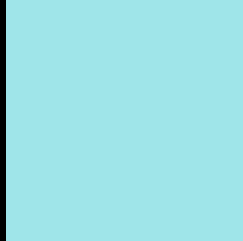
Large Text (above 18pt) WCAG AA × Fail

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 57.0254, 69.2927, 87.4601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

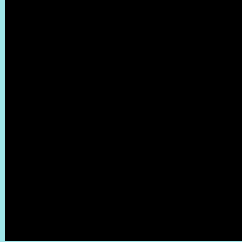
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0254, 69.2927, 87.4601

Background



This preview shows how black text looks on a background with the XYZ color 57.0254, 69.2927, 87.4601.

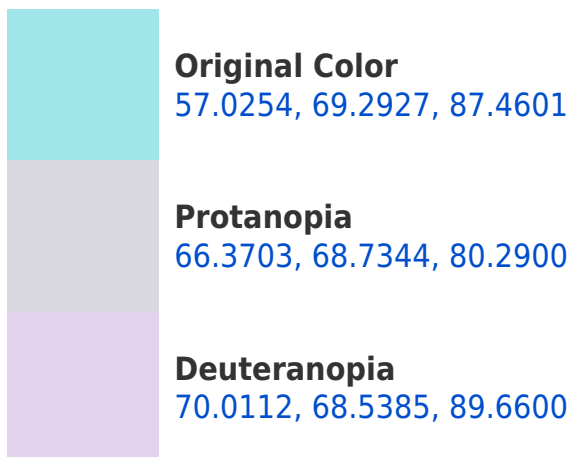


This preview shows how white text looks on a background with the XYZ color 57.0254, 69.2927,

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

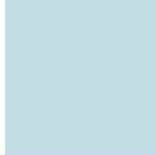
58.8508, 69.2121, 96.6437

Trichromacy



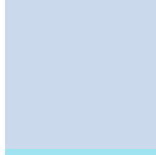
Original Color

57.0254, 69.2927, 87.4601



Protanomaly

62.2233, 68.4682, 82.6092



Deuteranomaly

64.3103, 68.2384, 89.1387



Tritanomaly

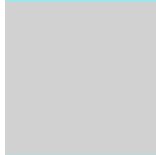
58.3185, 69.4147, 93.5438

Monochromacy



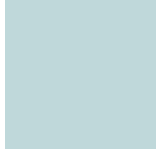
Original Color

57.0254, 69.2927, 87.4601



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.6966, 65.2501, 75.8305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0254, 69.2927, 87.4601 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, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(159, 229, 233)  
}
```

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, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 229, 233) }
```

Border

The CSS property to change the border of an element to XYZ 57.0254, 69.2927, 87.4601 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, 229, 233) }
```


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

```
.border{ border-color:rgb(159, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 229, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 229, 233); box-shadow:4px 4px 4px 4px rgb(159, 229, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0254, 69.2927, 87.4601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 229, 233) }
```

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

```
.background{ background-color: rgb(159,  
229, 233) }
```

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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