

Converting Colors

XYZ(57.2741, 72.7521, 75.7684)

Have a look what the booklet for
XYZ(57.2741, 72.7521, 75.7684)
contains.

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Color

**XYZ(57.2904, 72.6302,
75.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ECD8
RGB	162, 236, 216
RGB Percent	64%, 93%, 85%
CMY	0.3647, 0.0745, 0.1529
CMYK	0.31, 0.00, 0.08, 0.07
HSL	164°, 66%, 78%
HSV	164°, 31%, 93%
XYZ	57.2904, 72.6302, 75.9652
YIQ	211.5940, -37.6840, -21.9080

Conversions

Conversions Part 2

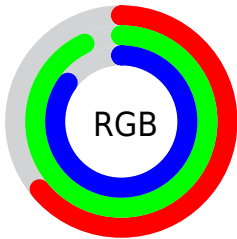
Format	Color
RYB	162, 205, 236
Decimal	10677464
CIELab	88.27, -27.08, 2.39
CIELCh	88, 27.188, 174.949
Yxy	72.6302, 0.2783, 0.3528
Android (android.graphics.Color)	4288867544 (0xFFA2ECD8)
YUV	211.5940, 2.1722, -43.4939
Hunter-Lab	85.2234, -29.1463, 6.8073

Details

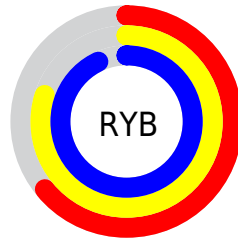
The XYZ color **57.2904, 72.6302, 75.9652** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.9584, 47.0528, 50.3917**, and the grayscale version is **62.3155, 65.5607, 71.3956**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **28.9386, 38.4039, 39.6057** is the 20% darker color. If you saturate the color by 10%, you get **52.1305, 70.0655, 71.5029**, and if you desaturate by 10%, it is **63.3861, 75.6774, 80.6416**.

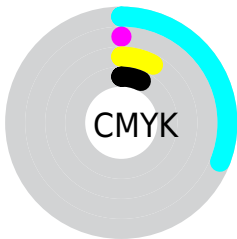
Distribution



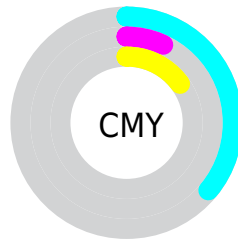
- Red (64%)
- Green (93%)
- Blue (85%)



- Red (64%)
- Yellow (80%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (36%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2904, 72.6302, 75.9652 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 57.2904, 72.6302, 75.9652 by changing the saturation by 10% instead.


 57.2904, 72.6302,
75.9652


 57.2904, 72.6302,
75.9652


404.5332,
469.7321, 500.5722

 41.4795, 53.6736,
55.8975


 100.0177,
122.9521, 129.4374

 28.8833, 38.3408,
39.7173


 127.6648,
155.0862, 163.6789

 19.1364, 26.2473,
27.0061


159.9880,
192.3816, 203.4821

 11.8734, 17.0087,
17.3453

197.3527,
235.2227, 249.2655

 6.7291, 10.2407,
10.3164

240.1242,
283.9940, 301.4477

 3.3381, 5.5589,
5.5009


288.6679,

 1.3350, 2.5787,


339.0797, 360.4472


2.4802


343.3491,
400.8643, 426.6825


 0.2092, 0.9160,
0.8297


 0.0000, 0.0000,
0.0000

 57.2904, 72.6302,
75.9652


 57.2904, 72.6302,
75.9652


 52.1305, 70.0655,
71.5029


 63.3861, 75.6774,
80.6416


 47.8494, 67.9484,
67.2454

 70.4582, 79.2223,
85.5312

 44.3935, 66.2529,
63.1899

 78.5526, 83.2904,
90.6394

 41.7003, 64.9471,
59.3316

 87.1916, 87.6355,
95.9457

■ 39.6983, 63.9942,
55.6651

■ 88.1642, 88.0245,
101.0676

■ 38.3019, 63.3499,
52.1845

■ 89.1706, 88.4271,
106.3672

■ 37.4636, 62.9803,
49.3185

■ 89.2868, 88.4736,
106.9789

Harmonies

Analogous

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



59.2764, 72.6302, 60.2144



57.2904, 72.6302, 75.9652



58.2856, 72.6302, 95.2024

Triad

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



57.2904, 72.6302, 75.9652



74.4533, 72.6302, 116.2773



76.4805, 72.6302, 53.1961

Complementary

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



57.2904, 72.6302, 75.9652



55.9584, 47.0528, 50.3917

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.



81.0261, 72.6302, 64.8924



57.2904, 72.6302, 75.9652



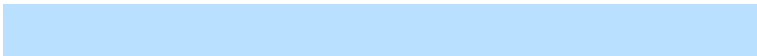
79.8050, 72.6302, 101.5287

Square

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



57.2904, 72.6302, 75.9652



67.9358, 72.6302, 120.4761



82.2792, 72.6302, 82.2828



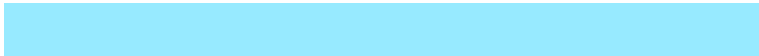
70.1416, 72.6302, 48.4558

Rectangle

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



57.2904, 72.6302, 75.9652



60.5406, 72.6302, 107.2346



82.2792, 72.6302, 82.2828



78.2842, 72.6302, 56.3458

Sweetspot

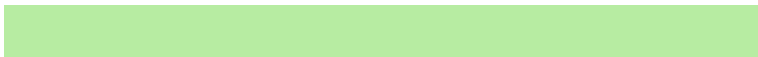
The Sweet Spot groups the original color and five complimentary colors.



57.2925, 72.6332, 75.9669



86.1221, 95.5110, 103.3526



56.0398, 72.6659, 45.2559



18.1452, 20.2984, 21.9341



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.



57.2925, 72.6332, 75.9669



63.9962, 84.4457, 86.9148



55.6273, 64.9091, 88.9572



15.3338, 17.0483, 18.4407



20.7066, 34.7371, 27.4835



1.6658, 2.7436, 2.3678

Inverse Universe

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



55.9584, 47.0528, 50.3917



62.1663, 49.2208, 51.7322



57.0430, 52.2976, 41.2715



15.2327, 15.1209, 16.5107



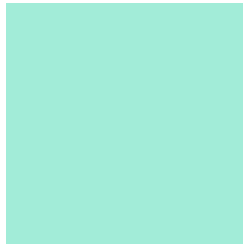
19.6209, 10.0510, 3.8048



1.5798, 0.8049, 0.5046

Previews

White Background



This preview shows how the XYZ color 57.2904, 72.6302, 75.9652 looks on a white background.

Color Contrast Check

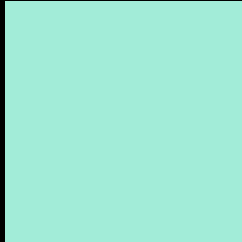
Large Text (above 18pt) WCAG AA × Fail

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 57.2904, 72.6302, 75.9652 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

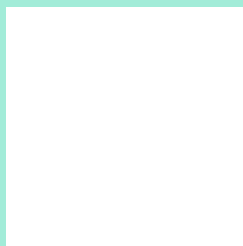
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2904, 72.6302, 75.9652

Background



This preview shows how black text looks on a background with the XYZ color 57.2904, 72.6302, 75.9652.



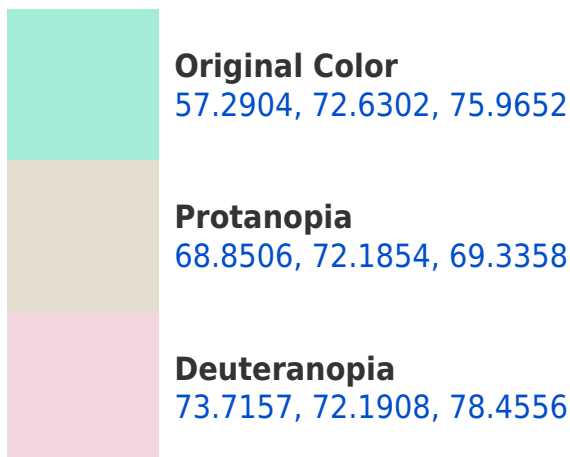
This preview shows how white text looks on a background with the XYZ color 57.2904, 72.6302,

75.9652.

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

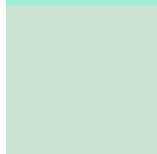
62.1934, 72.4890, 101.1563

Trichromacy



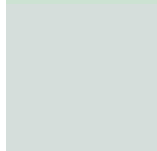
Original Color

57.2904, 72.6302, 75.9652



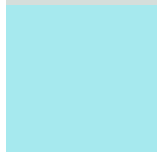
Protanomaly

63.7311, 71.8832, 71.4886



Deuteranomaly

66.3480, 71.5032, 77.3224



Tritanomaly

60.2974, 72.5579, 91.7160

Monochromacy



Original Color

57.2904, 72.6302, 75.9652



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.1148, 67.9863, 72.9051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2904, 72.6302, 75.9652 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(162, 236, 216)` looks like.

```
.text, #text, p{  
    color:rgb(162, 236, 216)  
}
```

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(162, 236, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 236, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.2904, 72.6302, 75.9652 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(162, 236, 216) }
```


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

```
.border{ border-color:rgb(162, 236, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 236, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 236, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 236, 216);  
box-shadow:4px 4px 4px 4px rgb(162, 236,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2904, 72.6302, 75.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 236, 216) }
```

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

```
.background{ background-color: rgb(162,  
236, 216) }
```

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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