

Converting Colors

XYZ(54.3834, 71.9822, 75.7562)

Have a look what the booklet for
XYZ(54.3834, 71.9822, 75.7562)
contains.

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Color

**XYZ(54.4708, 72.0362,
75.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	90EED8
RGB	144, 238, 216
RGB Percent	56%, 93%, 85%
CMY	0.4353, 0.0667, 0.1529
CMYK	0.39, 0.00, 0.09, 0.07
HSL	166°, 73%, 75%
HSV	166°, 39%, 93%
XYZ	54.4708, 72.0362, 75.9992
YIQ	207.3860, -48.9620, -26.7700

Conversions

Conversions Part 2

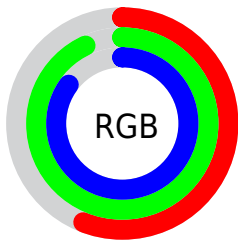
Format	Color
RYB	144, 197, 238
Decimal	9498328
CIELab	87.99, -32.90, 1.88
CIElCh	88, 32.953, 176.737
Yxy	72.0362, 0.2690, 0.3557
Android (android.graphics.Color)	4287688408 (0xFF90EED8)
YUV	207.3860, 4.2467, -55.5895
Hunter-Lab	84.8741, -33.9714, 6.3216

Details

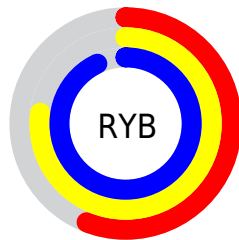
The XYZ color **54.4708, 72.0362, 75.9992** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.1185, 40.8788, 41.2226**, and the grayscale version is **59.5548, 62.6563, 68.2327**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **27.1855, 38.1038, 39.6402** is the 20% darker color. If you saturate the color by 10%, you get **50.0363, 69.8338, 72.0967**, and if you desaturate by 10%, it is **59.8101, 74.7059, 80.0747**.

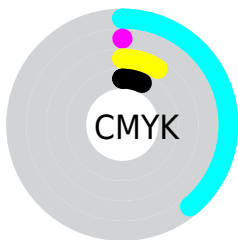
Distribution



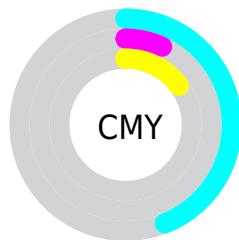
- Red (56%)
- Green (93%)
- Blue (85%)



- Red (56%)
- Yellow (77%)
- Blue (93%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4708, 72.0362, 75.9992 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 54.4708, 72.0362, 75.9992 by changing the saturation by 10% instead.


 54.4708, 72.0362,
75.9992


 54.4708, 72.0362,
75.9992


394.0719,
467.6676, 500.6917

 39.2104, 53.1882,
55.9252


 95.9180, 122.1080,
129.4859

 27.1049, 37.9531,
39.7394


 122.8355,
154.1006, 163.7356

 17.7890, 25.9463,
27.0231

154.3693,
191.2436, 203.5476

 10.8974, 16.7834,
17.3580

190.8850,
233.9213, 249.3406

 6.0646, 10.0802,
10.3254

232.7477,
282.5182, 301.5329

 2.9255, 5.4522,
5.5068

280.3228,

 1.1145, 2.5149,

337.4186, 360.5432

2.4837

333.9758,
399.0069, 426.7899

■ 0.0372, 0.8841,
0.8315

■ 0.0000, 0.0000,
0.0000

■ 54.4708, 72.0362,
75.9992

■ 54.4708, 72.0362,
75.9992

■ 50.0363, 69.8338,
72.0967

■ 59.8101, 74.7059,
80.0747

■ 46.4446, 68.0612,
68.3583

■ 66.0988, 77.8604,
84.3217

■ 43.6358, 66.6895,
64.7815

■ 73.3863, 81.5268,
88.7454

■ 41.5388, 65.6820,
61.3617

■ 81.7162, 85.7278,
93.3491

■ 40.0697, 64.9954,
58.0938

■ 88.1231, 88.9345,
97.9950

■ 39.0940, 64.5606,
54.9699

■ 88.9814, 89.2778,
102.5147

■ 39.0498, 64.5412,
54.8157

■ 89.8654, 89.6314,
107.1702

■ 89.8658, 89.6315,
107.1719

Harmonies

Analogous

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



56.6013, 72.0362, 57.0246



54.4708, 72.0362, 75.9992



55.8475, 72.0362, 99.5465

Triad

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



54.4708, 72.0362, 75.9992



75.4896, 72.0362, 123.7479



77.0896, 72.0362, 47.5446

Complementary

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



54.4708, 72.0362, 75.9992



52.1185, 40.8788, 41.2226

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.



82.8601, 72.0362, 60.5419



54.4708, 72.0362, 75.9992



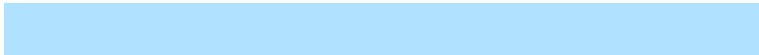
81.8878, 72.0362, 104.6286

Square

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



54.4708, 72.0362, 75.9992



67.6123, 72.0362, 130.0230



84.6791, 72.0362, 80.9227



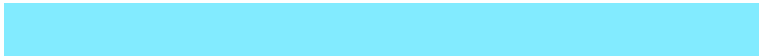
69.3314, 72.0362, 42.6946

Rectangle

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



54.4708, 72.0362, 75.9992



58.6312, 72.0362, 114.3340



84.6791, 72.0362, 80.9227



79.3483, 72.0362, 50.9675

Sweetspot

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



54.4728, 72.0391, 76.0009



83.5427, 94.1985, 102.4538



51.6530, 71.4357, 37.4530



17.6364, 20.0389, 21.7831



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.



54.4728, 72.0391, 76.0009



59.6337, 82.2265, 85.3631



51.1097, 60.4515, 89.8667



16.0799, 17.8620, 19.4436



21.8374, 36.0270, 30.8564



1.8545, 3.0122, 2.7662

Inverse Universe

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



52.1185, 40.8788, 41.2226



56.5540, 41.2815, 39.7331



54.2068, 48.0139, 32.7975



15.9244, 15.8195, 17.1581



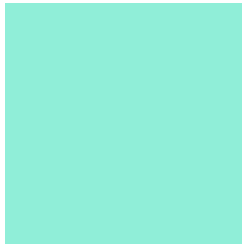
20.1071, 10.3152, 3.2143



1.7100, 0.8730, 0.4636

Previews

White Background



This preview shows how the XYZ color 54.4708, 72.0362, 75.9992 looks on a white background.

Color Contrast Check

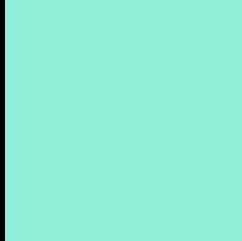
Large Text (above 18pt) WCAG AA × Fail

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 54.4708, 72.0362, 75.9992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

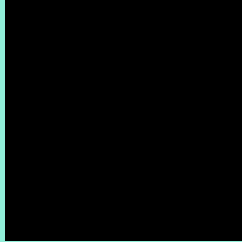
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

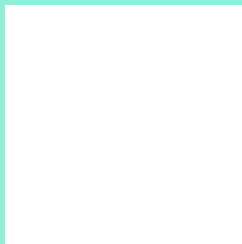
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4708, 72.0362, 75.9992

Background



This preview shows how black text looks on a background with the XYZ color 54.4708, 72.0362, 75.9992.



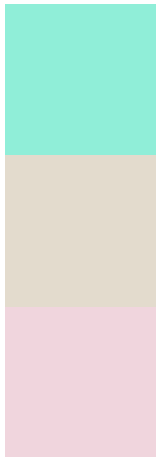
This preview shows how white text looks on a background with the XYZ color 54.4708, 72.0362,

75.9992.

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

54.4708, 72.0362, 75.9992

Protanopia

68.0295, 71.4017, 67.9540

Deuteranopia

72.7806, 71.3342, 78.3395



Tritanopia

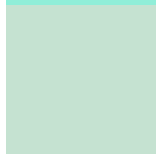
59.8465, 72.0784, 102.8537

Trichromacy



Original Color

54.4708, 72.0362, 75.9992



Protanomaly

61.7309, 70.8665, 70.7466



Deuteranomaly

64.0843, 70.3362, 77.2165



Tritanomaly

57.8660, 72.1327, 92.5345

Monochromacy



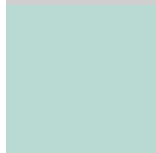
Original Color

54.4708, 72.0362, 75.9992



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.4714, 64.9863, 70.5400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4708, 72.0362, 75.9992 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(144, 238, 216)` looks like.

```
.text, #text, p{  
    color:rgb(144, 238, 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(144, 238, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 238, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.4708, 72.0362, 75.9992 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(144, 238, 216) }
```


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

```
.border{ border-color:rgb(144, 238, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 238, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 238, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 238, 216); box-shadow:4px 4px 4px 4px rgb(144, 238, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4708, 72.0362, 75.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 238, 216) }
```

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

```
.background{ background-color: rgb(144,  
238, 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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