

Converting Colors

XYZ(54.5333, 71.7520, 61.8298)

Have a look what the booklet for
XYZ(54.5333, 71.7520, 61.8298)
contains.

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Color

**XYZ(54.7197, 72.0405,
62.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	A1EDC2
RGB	161, 237, 194
RGB Percent	63%, 93%, 76%
CMY	0.3686, 0.0706, 0.2392
CMYK	0.32, 0.00, 0.18, 0.07
HSL	146°, 68%, 78%
HSV	146°, 32%, 93%
XYZ	54.7197, 72.0405, 62.0601
YIQ	209.3740, -31.4930, -29.4850

Conversions

Conversions Part 2

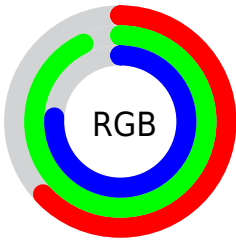
Format	Color
RYB	161, 214, 237
Decimal	10612162
CIELab	87.99, -32.28, 13.47
CIElCh	88, 34.973, 157.354
Yxy	72.0405, 0.2898, 0.3815
Android (android.graphics.Color)	4288802242 (0xFFA1EDC2)
YUV	209.3740, -7.5794, -42.4240
Hunter-Lab	84.8767, -33.4558, 16.0620

Details

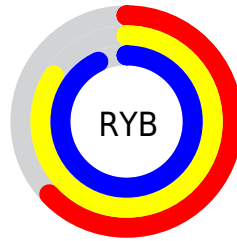
The XYZ color **54.7197, 72.0405, 62.0601** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.5714, 47.8555, 63.2795**, and the grayscale version is **60.9128, 64.0851, 69.7886**.

A 20% lighter version of the original color is **82.0860, 93.3905, 104.9666**, and **27.3209, 38.0670, 30.7186** is the 20% darker color. If you saturate the color by 10%, you get **48.9502, 69.2344, 54.2806**, and if you desaturate by 10%, it is **61.5343, 75.3736, 70.6011**.

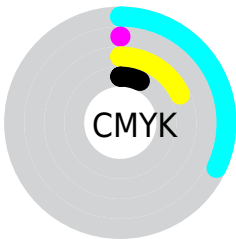
Distribution



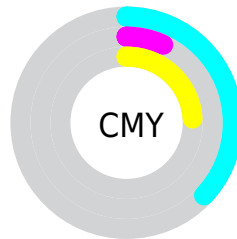
- Red (63%)
- Green (93%)
- Blue (76%)



- Red (63%)
- Yellow (84%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)





- Cyan (37%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7197, 72.0405, 62.0601 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 54.7197, 72.0405, 62.0601 by changing the saturation by 10% instead.


 54.7197, 72.0405,
62.0601


 54.7197, 72.0405,
62.0601


395.0022,
467.6826, 450.1640

 39.4103, 53.1918,
44.6452


 96.2809, 122.1141,
109.3848

 27.2612, 37.9559,
30.8371


 123.2634,
154.1078, 140.1317

 17.9071, 25.9484,
20.2174


154.8676,
191.2519, 176.1596

 10.9826, 16.7851,
12.3675

191.4589,
233.9308, 217.8871

 6.1223, 10.0814,
6.8689

233.4027,
282.5289, 265.7328

 2.9610, 5.4529,
3.3031


281.0642,

 1.1332, 2.5154,


337.4306, 320.1151


1.2514


334.8090,
399.0204, 381.4527


 0.0526, 0.8843,
0.0214


 0.0000, 0.0000,
0.0000


 54.7197, 72.0405,
62.0601


 54.7197, 72.0405,
62.0601


 48.9502, 69.2344,
54.2806


 61.5343, 75.3736,
70.6011


 44.1651, 66.9186,
47.2365

 69.4387, 79.2504,
79.9191

 40.3061, 65.0653,
40.9071

 78.4823, 83.6980,
90.0352

 37.3062, 63.6405,
35.2690

 88.4132, 88.5862,
100.9543

■ 35.0886, 62.6050,
30.2972

■ 89.5756, 89.0511,
107.0752

■ 33.5615, 61.9121,
25.9649

■ 32.7290, 61.5485,
22.9625

Harmonies

Analogous

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



59.2006, 72.0405, 47.3171



54.7197, 72.0405, 62.0601



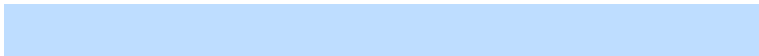
53.7746, 72.0405, 84.4637

Triad

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



54.7197, 72.0405, 62.0601



70.5446, 72.0405, 133.3404



82.0195, 72.0405, 53.7549

Complementary

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



54.7197, 72.0405, 62.0601



58.5714, 47.8555, 63.2795

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.



85.6303, 72.0405, 72.7095



54.7197, 72.0405, 62.0601



78.6649, 72.0405, 120.8781

Square

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



54.7197, 72.0405, 62.0601



62.4846, 72.0405, 128.8882



84.3554, 72.0405, 97.4745



74.8308, 72.0405, 43.2449

Rectangle

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



54.7197, 72.0405, 62.0601



55.2004, 72.0405, 101.4789



84.3554, 72.0405, 97.4745



83.7174, 72.0405, 59.1818

Sweetspot

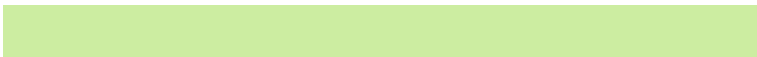
The Sweet Spot groups the original color and five complimentary colors.



54.7217, 72.0435, 62.0617



84.0462, 94.5857, 96.7115



61.6398, 75.9917, 45.1381



17.6820, 20.0942, 20.3501



0.0000, 0.0000, 0.0000



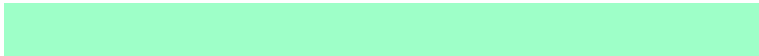
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7217, 72.0435, 62.0617



60.3259, 82.9775, 67.5868



59.5405, 73.9710, 87.4374



15.1399, 16.9708, 17.4196



17.9312, 33.6270, 12.8687



1.4555, 2.6595, 1.2605

Inverse Universe

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



58.5714, 47.8555, 63.2795



65.4848, 50.5482, 69.2072



54.5610, 46.2514, 42.1611



15.4225, 15.1968, 17.5101



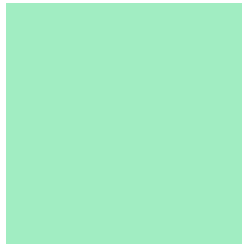
21.4879, 10.7978, 13.6364



1.7355, 0.8671, 1.3243

Previews

White Background



This preview shows how the XYZ color 54.7197, 72.0405, 62.0601 looks on a white background.

Color Contrast Check

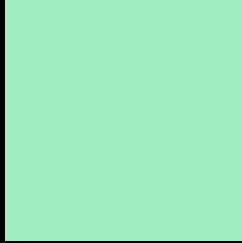
Large Text (above 18pt) WCAG AA × Fail

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 54.7197, 72.0405, 62.0601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

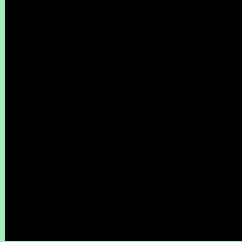
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7197, 72.0405, 62.0601

Background



This preview shows how black text looks on a background with the XYZ color 54.7197, 72.0405, 62.0601.



This preview shows how white text looks on a background with the XYZ color 54.7197, 72.0405,

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

54.7197, 72.0405, 62.0601

Protanopia

67.3672, 71.3216, 56.1148

Deuteranopia

72.5637, 71.1669, 63.9449



Tritanopia

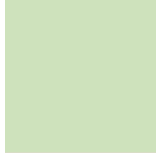
62.2533, 72.1416, 99.4506

Trichromacy



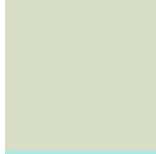
Original Color

54.7197, 72.0405, 62.0601



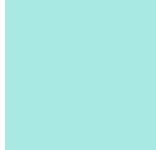
Protanomaly

61.7271, 71.1454, 58.0560



Deuteranomaly

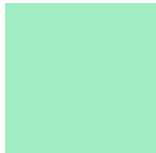
64.2534, 70.3431, 63.0144



Tritanomaly

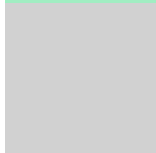
59.2910, 72.2041, 84.2106

Monochromacy



Original Color

54.7197, 72.0405, 62.0601



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.9688, 66.2291, 66.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7197, 72.0405, 62.0601 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(161, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 194)  
}
```

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(161, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.7197, 72.0405, 62.0601 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(161, 237, 194) }
```


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

```
.border{ border-color:rgb(161, 237, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 237,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7197, 72.0405, 62.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 194) }
```

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

```
.background{ background-color: rgb(161,  
237, 194) }
```

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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