

Converting Colors

XYZ(55.5504, 73.6237, 62.9702)

Have a look what the booklet for
XYZ(55.5504, 73.6237, 62.9702)
contains.

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Color

**XYZ(55.7084, 73.8374,
62.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F0C3
RGB	161, 240, 195
RGB Percent	63%, 94%, 76%
CMY	0.3686, 0.0588, 0.2353
CMYK	0.33, 0.00, 0.19, 0.06
HSL	146°, 72%, 79%
HSV	146°, 33%, 94%
XYZ	55.7084, 73.8374, 62.9457
YIQ	211.2490, -32.6390, -30.7430

Conversions

Conversions Part 2

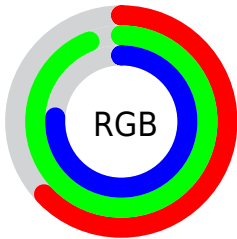
Format	Color
R_{YB}	161, 216, 240
Decimal	10612931
CIE _{Lab}	88.85, -33.48, 14.16
CIE _{LCh}	89, 36.354, 157.078
Yxy	73.8374, 0.2894, 0.3836
Android (android.graphics.Color)	4288803011 (0xFFA1F0C3)
YUV	211.2490, -8.0108, -44.0684
Hunter-Lab	85.9287, -34.6519, 16.7181

Details

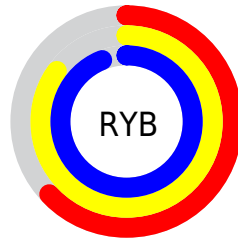
The XYZ color **55.7084, 73.8374, 62.9457** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.8232, 48.4730, 64.5988**, and the grayscale version is **62.1499, 65.3865, 71.2059**.

A 20% lighter version of the original color is **82.2441, 93.4537, 105.7991**, and **27.8921, 39.2682, 31.3088** is the 20% darker color. If you saturate the color by 10%, you get **49.8527, 70.9912, 54.9693**, and if you desaturate by 10%, it is **62.6379, 77.2248, 71.7144**.

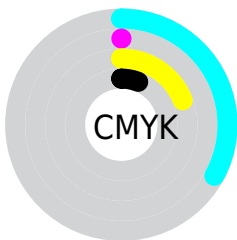
Distribution



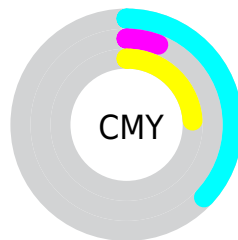
- Red (63%)
- Green (94%)
- Blue (76%)



- Red (63%)
- Yellow (85%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)





- Cyan (37%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7084, 73.8374, 62.9457 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 55.7084, 73.8374, 62.9457 by changing the saturation by 10% instead.


 55.7084, 73.8374,
62.9457


 55.7084, 73.8374,
62.9457

398.6845,
473.9120, 453.4749

 40.2053, 54.6610,
45.3566


 97.7204, 124.6653,
110.6760

 27.8835, 39.1303,
31.3934


 124.9599,
157.0855, 141.6542

 18.3779, 26.8611,
20.6376


156.8423,
194.6892, 177.9326

 11.3230, 17.4690,
12.6707

193.7329,
237.8606, 219.9296

 6.3534, 10.5694,
7.0741

235.9971,
286.9842, 268.0638

 3.1038, 5.7781,
3.4294


284.0002,


 1.2089, 2.7106,


342.4443, 322.7537


1.3178


338.1075,
404.6255, 384.4179


 0.1134, 0.9826,
0.0763


 0.0000, 0.0000,
0.0000


 55.7084, 73.8374,
62.9457


 55.7084, 73.8374,
62.9457

 49.8527, 70.9912,
54.9693


 62.6379, 77.2248,
71.7144

 45.0078, 68.6482,
47.7577

 70.6880, 81.1711,
81.2919

 41.1131, 66.7795,
41.2892

 79.9096, 85.7043,
91.7004

 38.0984, 65.3496,
35.5390

 89.6079, 90.4655,
102.9250

■ 35.8835, 64.3174,
30.4807

■ 90.4515, 90.8029,
107.3672

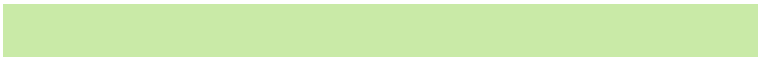
■ 34.3717, 63.6337,
26.0858

■ 33.6242, 63.3080,
23.3558

Harmonies

Analogous

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



60.4565, 73.8374, 47.5753



55.7084, 73.8374, 62.9457



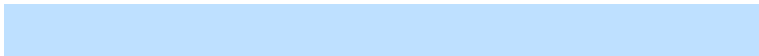
54.6789, 73.8374, 86.5221

Triad

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



55.7084, 73.8374, 62.9457



72.2878, 73.8374, 138.7771



84.5782, 73.8374, 54.5554

Complementary

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



55.7084, 73.8374, 62.9457



59.8232, 48.4730, 64.5988

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.



88.3651, 73.8374, 74.5668



55.7084, 73.8374, 62.9457



80.8944, 73.8374, 125.6354

Square

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



55.7084, 73.8374, 62.9457



63.7883, 73.8374, 133.8566



86.9635, 73.8374, 100.8066



76.9855, 73.8374, 43.4859

Rectangle

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



55.7084, 73.8374, 62.9457



56.1545, 73.8374, 104.5585



86.9635, 73.8374, 100.8066



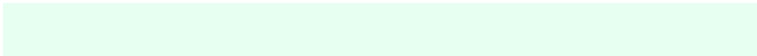
86.3662, 73.8374, 60.2767

Sweetspot

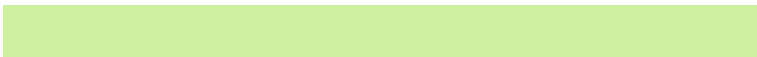
The Sweet Spot groups the original color and five complimentary colors.



55.7104, 73.8405, 62.9474



84.0316, 94.5799, 96.6348



63.3511, 78.1742, 45.4694



17.6785, 20.0928, 20.3316



0.0000, 0.0000, 0.0000



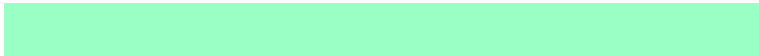
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7104, 73.8405, 62.9474



58.9631, 82.3188, 65.5430



60.6281, 75.8075, 88.8435



15.8483, 17.7693, 18.2241



18.4693, 34.6798, 13.1204



1.5854, 2.9046, 1.3491

Inverse Universe

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



59.8232, 48.4730, 64.5988



64.4020, 48.7508, 67.7111



55.7114, 46.8283, 42.9462



16.1501, 15.9097, 18.3466



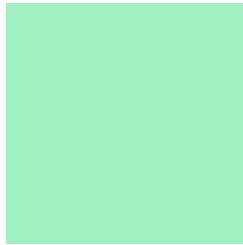
22.2000, 11.1524, 14.2356



1.8966, 0.9477, 1.4464

Previews

White Background



This preview shows how the XYZ color 55.7084, 73.8374, 62.9457 looks on a white background.

Color Contrast Check

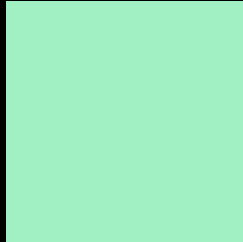
Large Text (above 18pt) WCAG AA × Fail

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 55.7084, 73.8374, 62.9457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

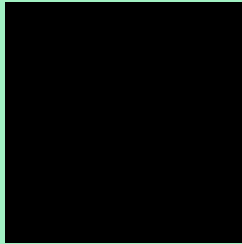
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7084, 73.8374, 62.9457

Background



This preview shows how black text looks on a background with the XYZ color 55.7084, 73.8374, 62.9457.



This preview shows how white text looks on a background with the XYZ color 55.7084, 73.8374,

62.9457.

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

55.7084, 73.8374, 62.9457

Protanopia

68.9159, 73.2801, 56.9666

Deuteranopia

74.6168, 72.9587, 64.7933



Tritanopia

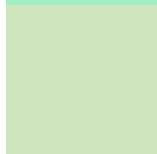
63.5028, 73.5625, 102.1188

Trichromacy



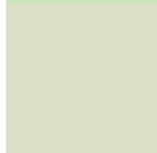
Original Color

55.7084, 73.8374, 62.9457



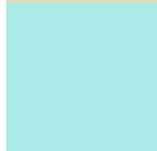
Protanomaly

62.9367, 72.9781, 58.9132



Deuteranomaly

65.7941, 71.9126, 63.8389



Tritanomaly

60.4943, 73.6212, 86.6232

Monochromacy



Original Color

55.7084, 73.8374, 62.9457



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.1330, 67.9878, 67.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7084, 73.8374, 62.9457 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, 240, 195)` looks like.

```
.text, #text, p{  
    color:rgb(161, 240, 195)  
}
```

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, 240, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 240, 195) }
```

Border

The CSS property to change the border of an element to XYZ 55.7084, 73.8374, 62.9457 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, 240, 195) }
```


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

```
.border{ border-color:rgb(161, 240, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 240, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 240, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 240, 195);  
box-shadow:4px 4px 4px 4px rgb(161, 240,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7084, 73.8374, 62.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 240, 195) }
```

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

```
.background{ background-color: rgb(161,  
240, 195) }
```

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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