

Converting Colors

XYZ(55.0452, 71.1422, 63.7482)

Have a look what the booklet for
XYZ(55.0452, 71.1422, 63.7482)
contains.

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Color

**XYZ(55.0962, 71.3404,
63.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EBC5
RGB	164, 235, 197
RGB Percent	64%, 92%, 77%
CMY	0.3569, 0.0784, 0.2274
CMYK	0.30, 0.00, 0.16, 0.08
HSL	148°, 64%, 78%
HSV	148°, 30%, 92%
XYZ	55.0962, 71.3404, 63.6895
YIQ	209.4390, -30.1180, -26.8700

Conversions

Conversions Part 2

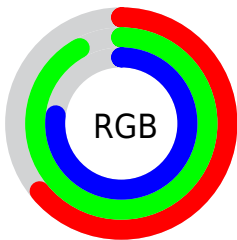
Format	Color
RYB	164, 212, 235
Decimal	10808261
CIELab	87.65, -29.87, 11.44
CIElCh	88, 31.986, 159.035
Yxy	71.3404, 0.2898, 0.3752
Android (android.graphics.Color)	4288998341 (0xFFA4EBC5)
YUV	209.4390, -6.1324, -39.8500
Hunter-Lab	84.4632, -31.3734, 14.4167

Details

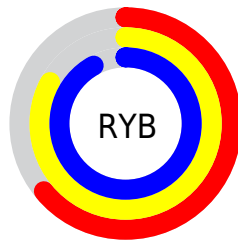
The XYZ color **55.0962, 71.3404, 63.6895** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.1995, 48.4790, 62.1700**, and the grayscale version is **60.9456, 64.1195, 69.8261**.

A 20% lighter version of the original color is **83.1646, 93.8914, 107.5055**, and **27.5084, 37.5384, 31.7824** is the 20% darker color. If you saturate the color by 10%, you get **49.3058, 68.5169, 56.2070**, and if you desaturate by 10%, it is **61.9069, 74.6798, 71.8506**.

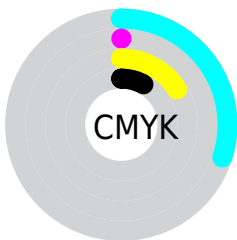
Distribution



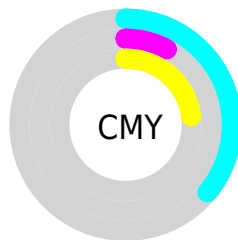
- Red (64%)
- Green (92%)
- Blue (77%)



- Red (64%)
- Yellow (83%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)





- Cyan (36%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0962, 71.3404, 63.6895 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 55.0962, 71.3404, 63.6895 by changing the saturation by 10% instead.


 55.0962, 71.3404,
63.6895


 55.0962, 71.3404,
63.6895


396.4070,
465.2425, 456.2442

 39.7129, 52.6200,
45.9547


 96.8294, 121.1183,
111.7588

 27.4980, 37.4995,
31.8616


 123.9100,
152.9446, 142.9304

 18.0861, 25.5945,
20.9919


155.6204,
189.9084, 179.4179

 11.1119, 16.5205,
12.9269

192.3260,
232.3939, 221.6399

 6.2100, 9.8932,
7.2481

234.3920,
280.7858, 270.0150

 3.0150, 5.3282,
3.5369


282.1840,

 1.1617, 2.4411,


335.4682, 324.9618


1.3749


336.0672,
396.8256, 386.8986


 0.0758, 0.8469,
0.1220

 0.0000, 0.0000,
0.0000


 55.0962, 71.3404,
63.6895

 55.0962, 71.3404,
63.6895


 49.3058, 68.5169,
56.2070


 61.9069, 74.6798,
71.8506


 44.4775, 66.1739,
49.3806

 69.7805, 78.5510,
80.7025

 40.5559, 64.2852,
43.1935

 78.7641, 82.9800,
90.2631

 37.4776, 62.8183,
37.6260

 87.7867, 87.4142,
100.4961

■ 35.1698, 61.7362,
32.6575

■ 88.9997, 87.8993,
106.8832

■ 33.5470, 60.9951,
28.2661

■ 32.4820, 60.5283,
24.5022

Harmonies

Analogous

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



59.0420, 71.3404, 49.5749



55.0962, 71.3404, 63.6895



54.4169, 71.3404, 84.4136

Triad

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



55.0962, 71.3404, 63.6895



70.1199, 71.3404, 126.5798



79.7602, 71.3404, 54.2588

Complementary

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



55.0962, 71.3404, 63.6895



58.1995, 48.4790, 62.1700

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.



83.2309, 71.3404, 71.3098



55.0962, 71.3404, 63.6895



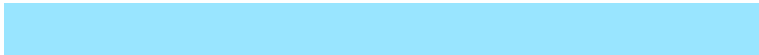
77.3989, 71.3404, 114.7888

Square

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



55.0962, 71.3404, 63.6895



62.7284, 71.3404, 123.4983



82.3360, 71.3404, 93.5770



73.1523, 71.3404, 44.8762

Rectangle

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



55.0962, 71.3404, 63.6895



55.8539, 71.3404, 99.7307



82.3360, 71.3404, 93.5770



81.3540, 71.3404, 59.1416

Sweetspot

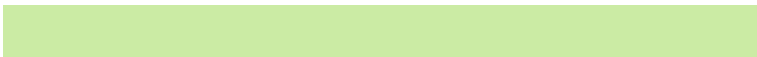
The Sweet Spot groups the original color and five complimentary colors.



55.0982, 71.3434, 63.6911



85.1898, 95.1381, 98.4432



61.0538, 74.8037, 46.3435



17.9152, 20.2064, 20.7232



0.0000, 0.0000, 0.0000



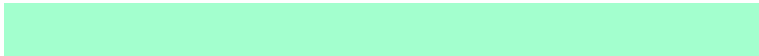
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0982, 71.3434, 63.6911



62.0295, 83.7774, 71.2085



59.5080, 73.1073, 86.9130



15.1596, 16.9787, 17.5234



18.1400, 33.7105, 13.9684



1.4726, 2.6663, 1.3504

Inverse Universe

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



58.1995, 48.4790, 62.1700



66.2986, 52.2958, 69.1083



54.5645, 47.0250, 43.0282



15.4025, 15.1889, 17.4049



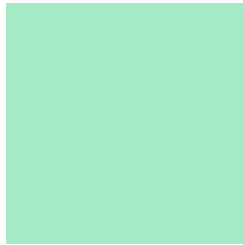
21.2209, 10.6911, 12.2308



1.7149, 0.8589, 1.2160

Previews

White Background



This preview shows how the XYZ color 55.0962, 71.3404, 63.6895 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 55.0962, 71.3404, 63.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

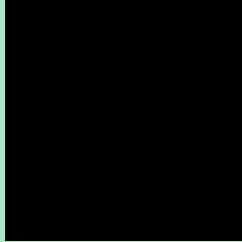
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0962, 71.3404, 63.6895

Background



This preview shows how black text looks on a background with the XYZ color 55.0962, 71.3404, 63.6895.



This preview shows how white text looks on a background with the XYZ color 55.0962, 71.3404,

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

55.0962, 71.3404, 63.6895

Protanopia

66.7816, 70.5966, 57.6837

Deuteranopia

71.9610, 70.4456, 65.6817



Tritanopia

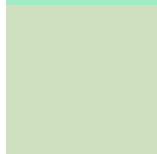
61.8335, 71.1393, 97.6611

Trichromacy



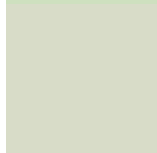
Original Color

55.0962, 71.3404, 63.6895



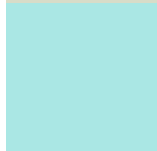
Protanomaly

61.5132, 70.1947, 59.5971



Deuteranomaly

64.3374, 69.9555, 64.7554



Tritanomaly

59.1571, 71.2993, 84.0430

Monochromacy



Original Color

55.0962, 71.3404, 63.6895



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0832, 65.8880, 67.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0962, 71.3404, 63.6895 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(164, 235, 197)` looks like.

```
.text, #text, p{  
    color:rgb(164, 235, 197)  
}
```

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(164, 235, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 235, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.0962, 71.3404, 63.6895 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(164, 235, 197) }
```


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

```
.border{ border-color:rgb(164, 235, 197) }
```

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

Here you see how a box with a 4 pixel rgb(164, 235, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 235, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 235, 197);  
box-shadow:4px 4px 4px 4px rgb(164, 235,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0962, 71.3404, 63.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 235, 197) }
```

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

```
.background{ background-color: rgb(164,  
235, 197) }
```

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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