

Converting Colors

XYZ(55.2504, 67.9161, 71.1699)

Have a look what the booklet for
XYZ(55.2504, 67.9161, 71.1699)
contains.

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Color

**XYZ(55.2504, 67.9161,
71.1699)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E3D2
RGB	168, 227, 210
RGB Percent	66%, 89%, 82%
CMY	0.3412, 0.1098, 0.1765
CMYK	0.26, 0.00, 0.07, 0.11
HSL	163°, 51%, 77%
HSV	163°, 26%, 89%
XYZ	55.2504, 67.9161, 71.1699
YIQ	207.4210, -29.7070, -17.7950

Conversions

Conversions Part 2

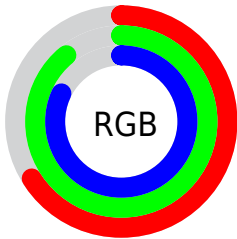
Format	Color
RYB	168, 202, 227
Decimal	11068370
CIELab	85.96, -22.21, 2.23
CIElCh	86, 22.326, 174.266
Yxy	67.9161, 0.2843, 0.3495
Android (android.graphics.Color)	4289258450 (0xFFA8E3D2)
YUV	207.4210, 1.2714, -34.5722
Hunter-Lab	82.4112, -24.5491, 6.4853

Details

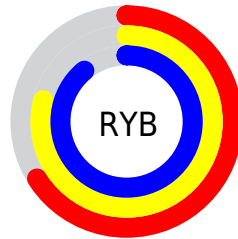
The XYZ color **55.2504, 67.9161, 71.1699** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4405, 47.8408, 52.2666**, and the grayscale version is **59.5870, 62.6901, 68.2696**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **27.5031, 35.1035, 36.7786** is the 20% darker color. If you saturate the color by 10%, you get **50.0350, 65.3215, 66.7590**, and if you desaturate by 10%, it is **61.3465, 70.9645, 75.7988**.

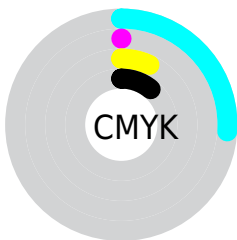
Distribution



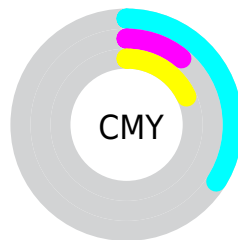
- Red (66%)
- Green (89%)
- Blue (82%)



- Red (66%)
- Yellow (79%)
- Blue (89%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)





- Cyan (34%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2504, 67.9161, 71.1699 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 55.2504, 67.9161, 71.1699 by changing the saturation by 10% instead.


 55.2504, 67.9161,
71.1699


 55.2504, 67.9161,
71.1699


396.9814,
453.1987, 483.5468

 39.8369, 49.8295,
51.9982


 97.0539, 116.2321,
122.5723

 27.5950, 35.2779,
36.6214


 124.1746,
147.2303, 155.6401

 18.1595, 23.8770,
24.6210


155.9284,
183.3011, 194.1770

 11.1649, 15.2424,
15.5785

192.6807,
224.8290, 238.6015

 6.2460, 8.9897,
9.0753

234.7968,
272.1983, 289.3322

 3.0373, 4.7345,
4.6928

282.6420,

 1.1735, 2.0923,

325.7934, 346.7876

2.0126

336.5818,
385.9987, 411.3863

0.0853, 0.6603,
0.5630

0.0000, 0.0000,
0.0000

55.2504, 67.9161,
71.1699

55.2504, 67.9161,
71.1699

50.0350, 65.3215,
66.7590

61.3465, 70.9645,
75.7988

45.6505, 63.1497,
62.5574

68.3587, 74.4794,
80.6452

42.0504, 61.3785,
58.5624

76.3273, 78.4834,
85.7142

39.1815, 59.9805,
54.7692

83.8751, 82.2665,
90.9434

■ 36.9837, 58.9248,
51.1730

■ 84.8441, 82.6541,
96.0465

■ 35.3868, 58.1753,
47.7681

■ 85.8484, 83.0558,
101.3349

■ 34.3040, 57.6872,
44.5484

■ 86.7603, 83.4206,
106.1368

■ 33.9553, 57.5346,
43.3065

Harmonies

Analogous

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



56.8915, 67.9161, 58.6853



55.2504, 67.9161, 71.1699



55.9929, 67.9161, 86.1426

Triad

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



55.2504, 67.9161, 71.1699



68.6802, 67.9161, 102.7219



70.4696, 67.9161, 53.3560

Complementary

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



55.2504, 67.9161, 71.1699



54.4405, 47.8408, 52.2666

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.



73.9422, 67.9161, 62.9642



55.2504, 67.9161, 71.1699



72.8715, 67.9161, 91.6536

Square

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



55.2504, 67.9161, 71.1699



63.5744, 67.9161, 105.6732



74.8435, 67.9161, 76.7997



65.5400, 67.9161, 49.3094

Rectangle

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



55.2504, 67.9161, 71.1699



57.7607, 67.9161, 95.4088



74.8435, 67.9161, 76.7997



71.8562, 67.9161, 55.9757

Sweetspot

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



55.2523, 67.9189, 71.1714



87.0068, 95.9613, 103.6584



54.7160, 68.1697, 47.3212



18.3186, 20.3870, 21.9807



0.0000, 0.0000, 0.0000



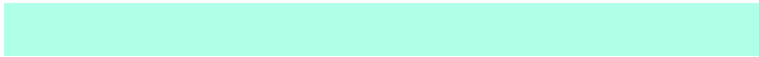
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2523, 67.9189, 71.1714



68.2500, 86.5830, 89.6230



54.3671, 62.5762, 81.8892



14.6211, 16.2619, 17.5354



19.8548, 33.5740, 25.5336



1.5069, 2.4969, 2.0960

Inverse Universe

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



54.4405, 47.8408, 52.2666



67.0330, 56.4020, 61.2222



55.0295, 51.7218, 44.1299



14.5469, 14.4360, 15.8145



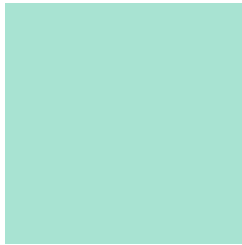
19.0823, 9.7671, 4.0624



1.4493, 0.7374, 0.5066

Previews

White Background



This preview shows how the XYZ color 55.2504, 67.9161, 71.1699 looks on a white background.

Color Contrast Check

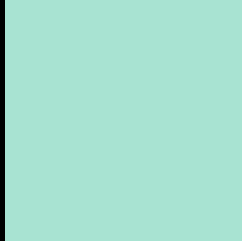
Large Text (above 18pt) WCAG AA × Fail

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 55.2504, 67.9161, 71.1699 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

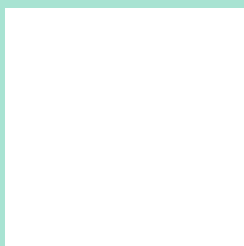
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2504, 67.9161, 71.1699

Background



This preview shows how black text looks on a background with the XYZ color 55.2504, 67.9161, 71.1699.

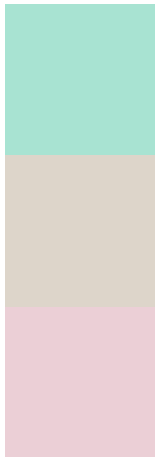


This preview shows how white text looks on a background with the XYZ color 55.2504, 67.9161,

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

55.2504, 67.9161, 71.1699

Protanopia

64.2737, 67.2249, 65.4652

Deuteranopia

68.7114, 67.1429, 72.9567



Tritanopia

59.5714, 68.0653, 92.4362

Trichromacy



Original Color

55.2504, 67.9161, 71.1699

Protanomaly

60.4480, 67.1071, 67.5246

Deuteranomaly

62.9208, 66.7461, 72.5178

Tritanomaly

57.8118, 67.7391, 84.1567

Monochromacy



Original Color

55.2504, 67.9161, 71.1699

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.4241, 63.9847, 68.9982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2504, 67.9161, 71.1699 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(168, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(168, 227, 210)  
}
```

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(168, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 227, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.2504, 67.9161, 71.1699 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(168, 227, 210) }
```


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

```
.border{ border-color:rgb(168, 227, 210) }
```

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

Here you see how a box with a 4 pixel rgb(168, 227, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(168, 227,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2504, 67.9161, 71.1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 227, 210) }
```

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

```
.background{ background-color: rgb(168,  
227, 210) }
```

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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