

Converting Colors

XYZ(54.4015, 62.7893, 69.5770)

Have a look what the booklet for
XYZ(54.4015, 62.7893, 69.5770)
contains.

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Color

**XYZ(54.3995, 62.7880,
69.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D7D1
RGB	179, 215, 209
RGB Percent	70%, 84%, 82%
CMY	0.2980, 0.1568, 0.1804
CMYK	0.17, 0.00, 0.03, 0.16
HSL	170°, 31%, 77%
HSV	170°, 17%, 84%
XYZ	54.3995, 62.7880, 69.5737
YIQ	203.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

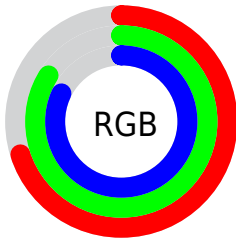
Format	Color
RYB	179, 199, 215
Decimal	11786193
CIELab	83.33, -13.02, -1.00
CIELCh	83, 13.054, 184.407
Yxy	62.7880, 0.2913, 0.3362
Android (android.graphics.Color)	4289976273 (0xFFB3D7D1)
YUV	203.5520, 2.6859, -21.5321
Hunter-Lab	79.2389, -16.1233, 3.4091

Details

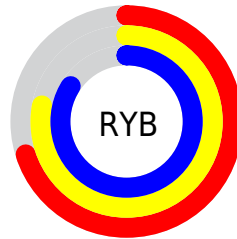
The XYZ color **54.3995, 62.7880, 69.5737** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9037, 50.1919, 52.8015**, and the grayscale version is **57.1058, 60.0797, 65.4268**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.0914, 31.9438, 35.7482** is the 20% darker color. If you saturate the color by 10%, you get **49.3741, 60.2497, 67.0487**, and if you desaturate by 10%, it is **60.2133, 65.7349, 72.1904**.

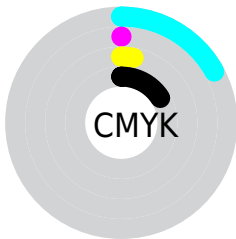
Distribution



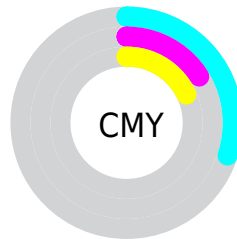
- Red (70%)
- Green (84%)
- Blue (82%)



- Red (70%)
- Yellow (78%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3995, 62.7880, 69.5737 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 54.3995, 62.7880, 69.5737 by changing the saturation by 10% instead.

■ 54.3995, 62.7880,
69.5737

■ 54.3995, 62.7880,
69.5737

393.8051,
434.7997, 477.8004

■ 39.1531, 45.6697,
50.7044

■ 95.8140, 108.8636,
120.2760

■ 27.0601, 31.9853,
35.5983

122.7129,
138.5897, 152.9462

■ 17.7552, 21.3503,
23.8369

154.2265,
173.2872, 191.0536

■ 10.8730, 13.3803,
15.0016

190.7204,
213.3406, 235.0170

■ 6.0482, 7.6909,
8.6739

232.5599,
259.1341, 285.2549

■ 2.9153, 3.8978,
4.4352

280.1102,

■ 1.1091, 1.6166,

311.0522, 342.1857

1.8670

333.7369,
369.4792, 406.2280

■ 0.0327, 0.3687,
0.4716

■ 0.0000, 0.0000,
0.0000

■ 54.3995, 62.7880,
69.5737

■ 54.3995, 62.7880,
69.5737

■ 49.3741, 60.2497,
67.0487

■ 60.2133, 65.7349,
72.1904

■ 45.0959, 58.0938,
64.6091


■ 66.8436, 69.0999,
74.8965

■ 41.5279, 56.3028,
62.2542


■ 74.3238, 72.9019,
77.6952


■ 38.6279, 54.8551,
59.9817


■ 78.9069, 75.2092,
80.4115


 36.3493, 53.7267,
57.7890


 79.3965, 75.4051,
82.9896


 34.6393, 52.8902,
55.6734


 79.8964, 75.6050,
85.6220


 33.4362, 52.3139,
53.6316

 80.4066, 75.8091,
88.3090

 32.6602, 51.9567,
51.6595

 80.9273, 76.0174,
91.0508

 32.4539, 51.8641,
51.0304

 81.4585, 76.2299,
93.8479

Harmonies

Analogous

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



54.8893, 62.7880, 61.8324



54.3995, 62.7880, 69.5737



55.2869, 62.7880, 77.5849

Triad

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



54.3995, 62.7880, 69.5737



62.8160, 62.7880, 82.0913



62.0673, 62.7880, 55.2135

Complementary

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



54.3995, 62.7880, 69.5737



52.9037, 50.1919, 52.8015

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.



64.2959, 62.7880, 59.9069



54.3995, 62.7880, 69.5737



64.7377, 62.7880, 75.3433

Square

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



54.3995, 62.7880, 69.5737



60.0985, 62.7880, 85.1665



65.2876, 62.7880, 67.1713



59.2597, 62.7880, 53.9334

Rectangle

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



54.3995, 62.7880, 69.5737



56.5572, 62.7880, 81.8818



65.2876, 62.7880, 67.1713



62.9118, 62.7880, 56.4250

Sweetspot

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



54.4013, 62.7906, 69.5751



90.1734, 97.5253, 106.8950



52.5918, 62.2473, 51.8921



19.1595, 20.8027, 22.8202



0.0000, 0.0000, 0.0000



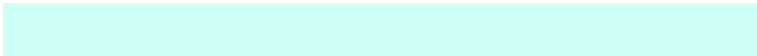
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4013, 62.7906, 69.5751



77.3727, 91.0417, 101.0836



52.3560, 57.4881, 72.6298



12.6991, 14.0707, 15.4960



19.4444, 31.0331, 30.6994



1.1970, 1.8814, 1.9789

Inverse Universe

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



52.9037, 50.1919, 52.8015



74.7802, 69.2247, 72.0413



54.6634, 54.7042, 50.3269



12.5069, 12.4543, 13.3436



16.9774, 8.7273, 1.9191



1.0506, 0.5370, 0.2558

Previews

White Background



This preview shows how the XYZ color 54.3995, 62.7880, 69.5737 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 54.3995, 62.7880, 69.5737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

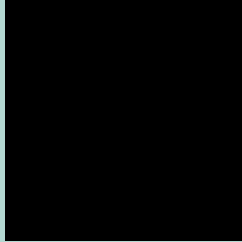
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

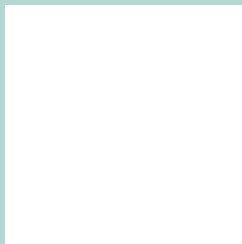
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3995, 62.7880, 69.5737

Background



This preview shows how black text looks on a background with the XYZ color 54.3995, 62.7880, 69.5737.

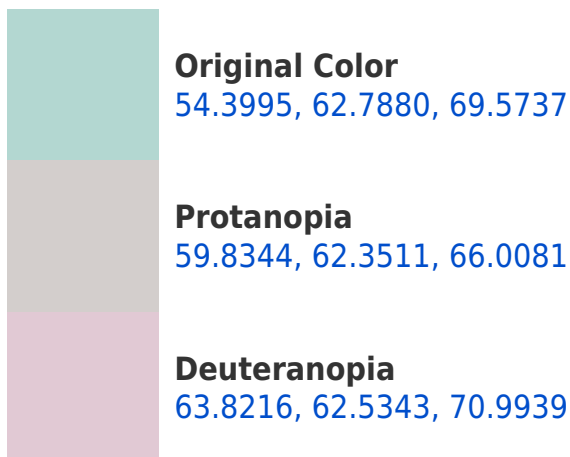


This preview shows how white text looks on a background with the XYZ color 54.3995, 62.7880,

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





Tritanopia

57.2148, 62.8114, 83.2370

Trichromacy



Original Color

54.3995, 62.7880, 69.5737

Protanomaly

57.4942, 62.1993, 67.3679

Deuteranomaly

59.8416, 62.2557, 70.4906

Tritanomaly

56.2705, 62.8075, 78.2645

Monochromacy



Original Color

54.3995, 62.7880, 69.5737

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.2021, 61.1701, 67.2374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3995, 62.7880, 69.5737 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(179, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 215, 209)  
}
```

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(179, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 215, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.3995, 62.7880, 69.5737 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(179, 215, 209) }
```


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

```
.border{ border-color:rgb(179, 215, 209) }
```

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

Here you see how a box with a 4 pixel rgb(179, 215, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(179, 215,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3995, 62.7880, 69.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 215, 209) }
```

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

```
.background{ background-color: rgb(179,  
215, 209) }
```

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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