

Converting Colors

XYZ(55.2735, 62.5468, 71.2655)

Have a look what the booklet for
XYZ(55.2735, 62.5468, 71.2655)
contains.

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Color

**XYZ(55.2064, 62.4092,
71.4239)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D5D4
RGB	183, 213, 212
RGB Percent	72%, 84%, 83%
CMY	0.2823, 0.1647, 0.1686
CMYK	0.14, 0.00, 0.00, 0.16
HSL	178°, 26%, 78%
HSV	178°, 14%, 84%
XYZ	55.2064, 62.4092, 71.4239
YIQ	203.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

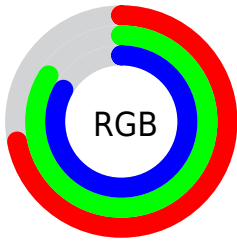
Format	Color
RYB	183, 198, 213
Decimal	12047828
CIELab	83.13, -10.11, -2.86
CIELCh	83, 10.507, 195.805
Yxy	62.4092, 0.2920, 0.3301
Android (android.graphics.Color)	4290237908 (0xFFB7D5D4)
YUV	203.9160, 3.9854, -18.3433
Hunter-Lab	78.9995, -13.5098, 1.6952

Details

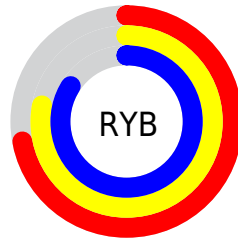
The XYZ color **55.2064, 62.4092, 71.4239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0281, 51.4756, 52.4911**, and the grayscale version is **57.3265, 60.3119, 65.6797**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.5186, 31.6339, 36.5539** is the 20% darker color. If you saturate the color by 10%, you get **50.4294, 59.9586, 70.7338**, and if you desaturate by 10%, it is **60.7541, 65.2604, 72.1547**.

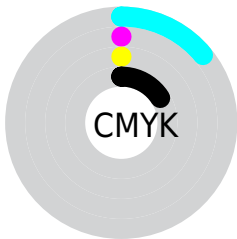
Distribution



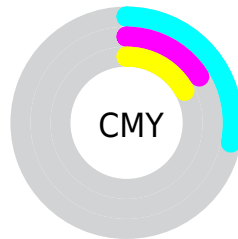
- Red (72%)
- Green (84%)
- Blue (83%)



- Red (72%)
- Yellow (78%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2064, 62.4092, 71.4239 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 55.2064, 62.4092, 71.4239 by changing the saturation by 10% instead.

■ 55.2064, 62.4092,
71.4239

■ 55.2064, 62.4092,
71.4239

396.8175,
433.4222, 484.4574

■ 39.8015, 45.3634,
52.2042

■ 96.9899, 108.3167,
122.9372

■ 27.5673, 31.7438,
36.7845

124.0991,
137.9473, 156.0679

■ 18.1385, 21.1659,
24.7462

155.8405,
172.5415, 194.6728

■ 11.1498, 13.2453,
15.6708

192.5795,
212.4838, 239.1702

■ 6.2357, 7.5977,
9.1397

234.6813,
258.1587, 289.9789

■ 3.0310, 3.8386,
4.7343

282.5113,

■ 1.1702, 1.5837,

309.9504, 347.5173

2.0363

336.4350,
368.2434, 412.2040

■ 0.0826, 0.3466,
0.5774

■ 0.0000, 0.0000,
0.0000

■ 55.2064, 62.4092,
71.4239

■ 55.2064, 62.4092,
71.4239

■ 50.4294, 59.9586,
70.7338

■ 60.7541, 65.2604,
72.1547

■ 46.3833, 57.8831,
70.0787

■ 67.0994, 68.5211,
72.9237

■ 43.0331, 56.1662,
69.4582

■ 74.2743, 72.2094,
73.7335

■ 40.3385, 54.7874,
68.8705

■ 77.2817, 73.7492,
74.3503

■ 38.2554, 53.7236,
68.3134

■ 77.3733, 73.7859,
74.8328

■ 36.7338, 52.9493,
67.7846

■ 77.4654, 73.8227,
75.3174

■ 35.7164, 52.4349,
67.2815

■ 77.5578, 73.8597,
75.8041

■ 35.1333, 52.1444,
66.8008

■ 77.6506, 73.8968,
76.2929

■ 34.9220, 52.0413,
66.5237

■ 77.7438, 73.9341,
76.7838

Harmonies

Analogous

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



55.1761, 62.4092, 64.9259



55.2064, 62.4092, 71.4239



56.3196, 62.4092, 77.3403

Triad

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



55.2064, 62.4092, 71.4239



62.5112, 62.4092, 77.0691



60.3976, 62.4092, 56.5130

Complementary

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



55.2064, 62.4092, 71.4239



53.0281, 51.4756, 52.4911

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.



62.4211, 62.4092, 59.3578



55.2064, 62.4092, 71.4239



63.6624, 62.4092, 71.0728

Square

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



55.2064, 62.4092, 71.4239



60.5179, 62.4092, 80.7389



63.6290, 62.4092, 64.5964



58.1342, 62.4092, 56.5936

Rectangle

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



55.2064, 62.4092, 71.4239



57.5426, 62.4092, 80.0375



63.6290, 62.4092, 64.5964



61.1296, 62.4092, 57.1505

Sweetspot

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



55.2082, 62.4118, 71.4253



91.3416, 98.0946, 108.4402



52.2306, 61.2622, 53.8729



19.4063, 20.9220, 23.1924



0.0000, 0.0000, 0.0000



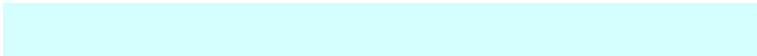
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2082, 62.4118, 71.4253



80.6281, 92.5921, 107.0120



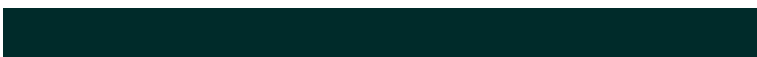
52.0792, 55.9508, 71.0084



12.7734, 14.1004, 15.8873



21.3388, 31.7909, 40.6755



1.2928, 1.9198, 2.4836

Inverse Universe

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



53.0281, 51.4756, 52.4911



76.7189, 72.9813, 73.0599



55.8429, 57.2730, 52.9126



12.4399, 12.4275, 12.9908



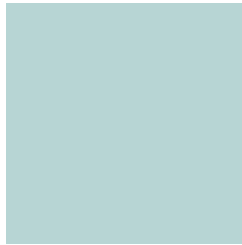
16.7932, 8.6536, 0.9492



1.0189, 0.5244, 0.0891

Previews

White Background



This preview shows how the XYZ color 55.2064, 62.4092, 71.4239 looks on a white background.

Color Contrast Check

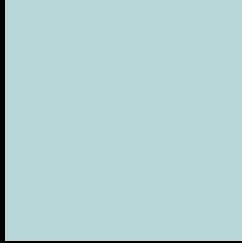
Large Text (above 18pt) WCAG AA × Fail

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 55.2064, 62.4092, 71.4239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

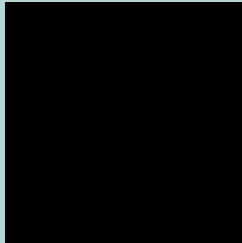
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

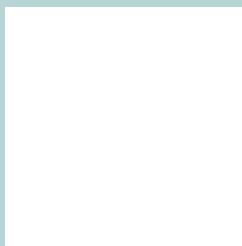
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2064, 62.4092, 71.4239

Background



This preview shows how black text looks on a background with the XYZ color 55.2064, 62.4092, 71.4239.

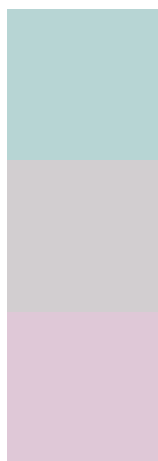


This preview shows how white text looks on a background with the XYZ color 55.2064, 62.4092,

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

55.2064, 62.4092, 71.4239

Protanopia

60.0348, 62.3983, 68.5544

Deuteranopia

63.3514, 61.9028, 72.8994



Tritanopia

57.4091, 62.5737, 81.7252

Trichromacy



Original Color

55.2064, 62.4092, 71.4239

Protanomaly

58.1285, 62.4837, 69.3185

Deuteranomaly

59.9813, 61.9276, 72.4102

Tritanomaly

56.7359, 62.6752, 78.2145

Monochromacy



Original Color

55.2064, 62.4092, 71.4239

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.3403, 60.8664, 67.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2064, 62.4092, 71.4239 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(183, 213, 212)` looks like.

```
.text, #text, p{  
    color:rgb(183, 213, 212)  
}
```

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(183, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.2064, 62.4092, 71.4239 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(183, 213, 212) }
```


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

```
.border{ border-color:rgb(183, 213, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 213, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 213, 212); box-shadow:4px 4px 4px 4px rgb(183, 213, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2064, 62.4092, 71.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 213, 212) }
```

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

```
.background{ background-color: rgb(183,  
213, 212) }
```

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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