

Converting Colors

XYZ(55.5371, 62.8682, 71.4596)

Have a look what the booklet for
XYZ(55.5371, 62.8682, 71.4596)
contains.

XYZ(55.6974, 63.0369, 71.5191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.6974, 63.0369,
71.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D6D4
RGB	184, 214, 212
RGB Percent	72%, 84%, 83%
CMY	0.2784, 0.1608, 0.1686
CMYK	0.14, 0.00, 0.01, 0.16
HSL	176°, 27%, 78%
HSV	176°, 14%, 84%
XYZ	55.6974, 63.0369, 71.5191
YIQ	204.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

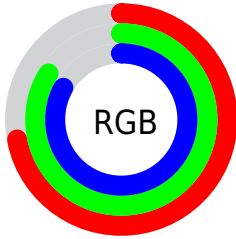
Format	Color
RYB	184, 200, 214
Decimal	12113620
CIELab	83.46, -10.30, -2.37
CIELCh	83, 10.573, 192.941
Yxy	63.0369, 0.2928, 0.3313
Android (android.graphics.Color)	4290303700 (0xFFB8D6D4)
YUV	204.8020, 3.5486, -18.2434
Hunter-Lab	79.3958, -13.7220, 2.1691

Details

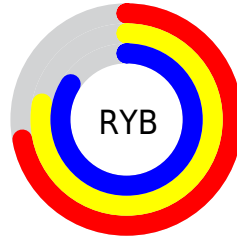
The XYZ color **55.6974, 63.0369, 71.5191** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7372, 52.1241, 53.6859**, and the grayscale version is **57.8900, 60.9048, 66.3253**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.8440, 32.0559, 36.6182** is the 20% darker color. If you saturate the color by 10%, you get **50.7749, 60.5217, 70.3533**, and if you desaturate by 10%, it is **61.4007, 65.9578, 72.7324**.

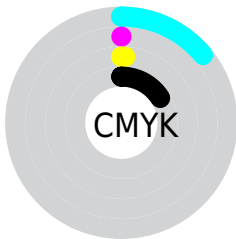
Distribution



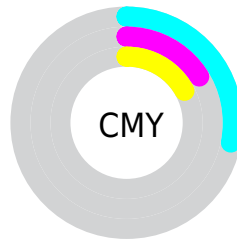
- Red (72%)
- Green (84%)
- Blue (83%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6974, 63.0369, 71.5191 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 55.6974, 63.0369, 71.5191 by changing the saturation by 10% instead.

■ 55.6974, 63.0369,
71.5191

■ 55.6974, 63.0369,
71.5191

398.6437,
435.7034, 484.7985

■ 40.1964, 45.8711,
52.2815

■ 97.7044, 109.2227,
123.0739

■ 27.8766, 32.1441,
36.8457

124.9411,
139.0115, 156.2282

■ 18.3726, 21.4716,
24.7932

156.8204,
173.7768, 194.8585

■ 11.3192, 13.4691,
15.7054

193.7077,
213.9029, 239.3833

■ 6.3508, 7.7524,
9.1639

235.9683,
259.7742, 290.2212

■ 3.1022, 3.9369,
4.7499

283.9676,

■ 1.2080, 1.6383,

311.7751, 347.7906

2.0451

338.0709,
370.2900, 412.5102

■ 0.1127, 0.3832,
0.5828

■ 0.0000, 0.0000,
0.0000

■ 55.6974, 63.0369,
71.5191

■ 55.6974, 63.0369,
71.5191

■ 50.7749, 60.5217,
70.3533

■ 61.4007, 65.9578,
72.7324

■ 46.5929, 58.3863,
69.2291

■ 67.9117, 69.2933,
73.9905

■ 43.1160, 56.6143,
68.1463

■ 75.2632, 73.0618,
75.2964

■ 40.3034, 55.1846,
67.1027

■ 77.9055, 74.4025,
76.3902

■ 38.1106, 54.0741,
66.0965

■ 78.0930, 74.4775,
77.3776

■ 36.4870, 53.2569,
65.1250

■ 78.2821, 74.5531,
78.3735

■ 35.3747, 52.7031,
64.1858

■ 78.4728, 74.6294,
79.3779

■ 34.7030, 52.3763,
63.2753

■ 78.6652, 74.7064,
80.3908

■ 34.4400, 52.2523,
62.7411

■ 78.8592, 74.7840,
81.4123

Harmonies

Analogous

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



55.7760, 63.0369, 64.9792



55.6974, 63.0369, 71.5191



56.7278, 63.0369, 77.6536

Triad

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



55.6974, 63.0369, 71.5191



62.9856, 63.0369, 78.3560



61.2245, 63.0369, 57.2009

Complementary

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



55.6974, 63.0369, 71.5191



53.7372, 52.1241, 53.6859

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.



63.2187, 63.0369, 60.3459



55.6974, 63.0369, 71.5191



64.2532, 63.0369, 72.4285

Square

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



55.6974, 63.0369, 71.5191



60.9129, 63.0369, 81.7678



64.3396, 63.0369, 65.8324



58.9274, 63.0369, 56.9921

Rectangle

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



55.6974, 63.0369, 71.5191



57.9207, 63.0369, 80.5744



64.3396, 63.0369, 65.8324



61.9539, 63.0369, 57.9400

Sweetspot

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



55.6992, 63.0395, 71.5205



91.2870, 98.0727, 108.1526



53.0716, 62.0583, 54.5298



19.3924, 20.9165, 23.1193



0.0000, 0.0000, 0.0000



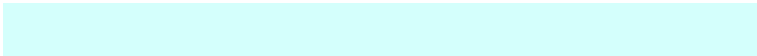
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6992, 63.0395, 71.5205



80.3981, 92.5001, 105.8004



52.9100, 57.0543, 71.8452



12.7547, 14.0929, 15.7888



20.8312, 31.5878, 38.0024



1.2675, 1.9096, 2.3502

Inverse Universe

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



53.7372, 52.1241, 53.6859



76.9033, 73.0550, 74.0310



56.2384, 57.4648, 53.4763



12.4565, 12.4341, 13.0784



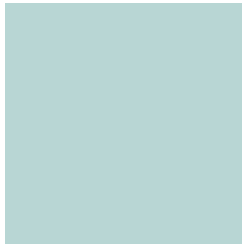
16.8247, 8.6662, 1.1151



1.0269, 0.5275, 0.1308

Previews

White Background



This preview shows how the XYZ color 55.6974, 63.0369, 71.5191 looks on a white background.

Color Contrast Check

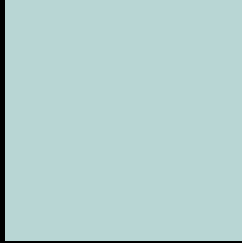
Large Text (above 18pt) WCAG AA × Fail

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 55.6974, 63.0369, 71.5191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

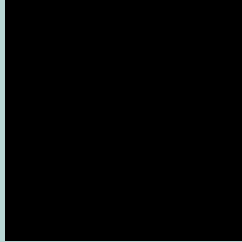
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6974, 63.0369, 71.5191

Background



This preview shows how black text looks on a background with the XYZ color 55.6974, 63.0369, 71.5191.

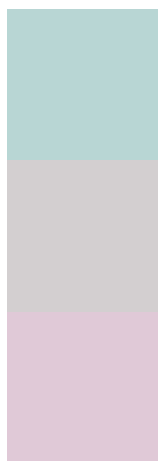


This preview shows how white text looks on a background with the XYZ color 55.6974, 63.0369,

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

55.6974, 63.0369, 71.5191

Protanopia

60.5620, 63.0286, 68.6483

Deuteranopia

63.8929, 62.5269, 72.9914



Tritanopia

57.7914, 62.7548, 82.4657

Trichromacy



Original Color

55.6974, 63.0369, 71.5191

Protanomaly

58.6426, 63.1141, 69.4131

Deuteranomaly

60.5034, 62.5530, 72.5034

Tritanomaly

56.9780, 62.8000, 78.2258

Monochromacy



Original Color

55.6974, 63.0369, 71.5191

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9670, 61.5361, 68.5497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6974, 63.0369, 71.5191 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(184, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 214, 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(184, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.6974, 63.0369, 71.5191 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(184, 214, 212) }
```


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

```
.border{ border-color:rgb(184, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(184, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6974, 63.0369, 71.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 214, 212) }
```

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

```
.background{ background-color: rgb(184,  
214, 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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