

Converting Colors

XYZ(55.6972, 64.5141, 73.8069)

Have a look what the booklet for
XYZ(55.6972, 64.5141, 73.8069)
contains.

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Color

**XYZ(55.6972, 64.5141,
73.8069)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DAD7
RGB	178, 218, 215
RGB Percent	70%, 85%, 84%
CMY	0.3020, 0.1451, 0.1569
CMYK	0.18, 0.00, 0.01, 0.15
HSL	175°, 35%, 78%
HSV	175°, 18%, 85%
XYZ	55.6972, 64.5141, 73.8069
YIQ	205.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

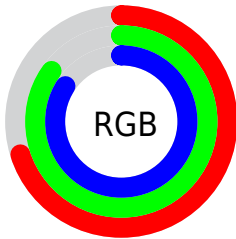
Format	Color
RYB	178, 199, 218
Decimal	11721431
CIELab	84.23, -13.63, -2.87
CIELCh	84, 13.928, 191.905
Yxy	64.5141, 0.2871, 0.3325
Android (android.graphics.Color)	4289911511 (0xFFB2DAD7)
YUV	205.6980, 4.5859, -24.2911
Hunter-Lab	80.3207, -16.7829, 1.7427

Details

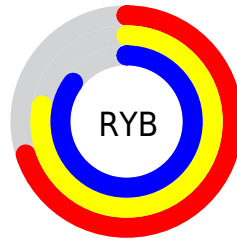
The XYZ color **55.6972, 64.5141, 73.8069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1766, 50.0841, 50.5832**, and the grayscale version is **58.4567, 61.5010, 66.9746**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **27.8998, 33.0924, 38.1747** is the 20% darker color. If you saturate the color by 10%, you get **50.8785, 62.0559, 72.4903**, and if you desaturate by 10%, it is **61.3166, 67.3883, 75.1746**.

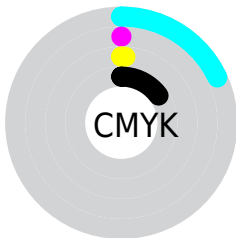
Distribution



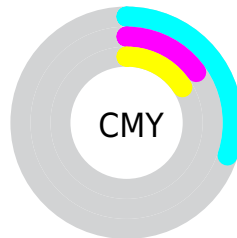
- Red (70%)
- Green (85%)
- Blue (84%)



- Red (70%)
- Yellow (78%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6972, 64.5141, 73.8069 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 55.6972, 64.5141, 73.8069 by changing the saturation by 10% instead.

■ 55.6972, 64.5141,
73.8069

■ 55.6972, 64.5141,
73.8069

398.6429,
441.0438, 492.9522

■ 40.1962, 47.0672,
54.1402

■ 97.7041, 111.3510,
126.3536

■ 27.8765, 33.0888,
38.3198

124.9407,
141.5098, 160.0706

■ 18.3725, 22.1945,
25.9272

156.8200,
176.6746, 199.3081

■ 11.3191, 13.9999,
16.5439

193.7072,
217.2299, 244.4846

■ 6.3508, 8.1206,
9.7514

235.9678,
263.5601, 296.0188

■ 3.1022, 4.1722,
5.1310

283.9670,

■ 1.2080, 1.7703,

316.0496, 354.3291

2.2642

338.0703,
375.0827, 419.8340

■ 0.1127, 0.4686,
0.7111

■ 0.0000, 0.0000,
0.0000

■ 55.6972, 64.5141,
73.8069

■ 55.6972, 64.5141,
73.8069

■ 50.8785, 62.0559,
72.4903

■ 61.3166, 67.3883,
75.1746

■ 46.8176, 59.9863,
71.2188

■ 67.7661, 70.6885,
76.5909

■ 43.4757, 58.2872,
69.9919

■ 75.0806, 74.4343,
78.0586

■ 40.8086, 56.9357,
68.8074

■ 79.4369, 76.6549,
79.3990

■ 38.7671, 55.9065,
67.6631

■ 79.6568, 76.7429,
80.5570

■ 37.2955, 55.1708,
66.5563

■ 79.8788, 76.8317,
81.7261

■ 36.3280, 54.6948,
65.4838

■ 80.1030, 76.9213,
82.9066

■ 35.7675, 54.4284,
64.4412

■ 80.3293, 77.0119,
84.0983

■ 35.6905, 54.3924,
64.2708

■ 80.5577, 77.1032,
85.3014

Harmonies

Analogous

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



55.8528, 64.5141, 65.1008



55.6972, 64.5141, 73.8069



57.0102, 64.5141, 82.2096

Triad

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



55.6972, 64.5141, 73.8069



65.3653, 64.5141, 83.6584



63.1791, 64.5141, 55.3064

Complementary

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



55.6972, 64.5141, 73.8069



53.1766, 50.0841, 50.5832

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.



65.8390, 64.5141, 59.5013



55.6972, 64.5141, 73.8069



67.1301, 64.5141, 75.6531

Square

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



55.6972, 64.5141, 73.8069



62.5502, 64.5141, 88.2081



67.3063, 64.5141, 66.7994



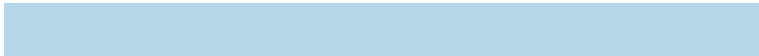
60.1035, 64.5141, 54.9026

Rectangle

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



55.6972, 64.5141, 73.8069



58.5681, 64.5141, 86.3176



67.3063, 64.5141, 66.7994



64.1541, 64.5141, 56.3025

Sweetspot

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



55.6991, 64.5168, 73.8084



89.4590, 97.1390, 107.6759



52.2435, 63.2240, 51.5704



19.0233, 20.7280, 23.0189



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.



55.6991, 64.5168, 73.8084



76.6659, 90.6001, 104.5390



51.9813, 56.4579, 74.4906



13.4005, 14.8118, 16.5719



21.3991, 32.5923, 38.5966



1.3992, 2.1166, 2.5682

Inverse Universe

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



53.1766, 50.0841, 50.5832



72.4332, 66.3780, 65.5642



56.3921, 57.0029, 50.1509



13.0955, 13.0673, 13.7642



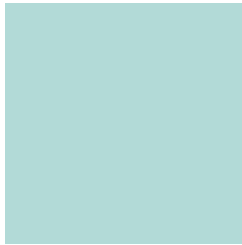
17.3949, 8.9590, 1.1938



1.1411, 0.5861, 0.1519

Previews

White Background



This preview shows how the XYZ color 55.6972, 64.5141, 73.8069 looks on a white background.

Color Contrast Check

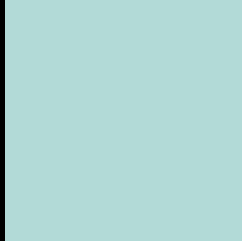
Large Text (above 18pt) WCAG AA × Fail

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 55.6972, 64.5141, 73.8069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

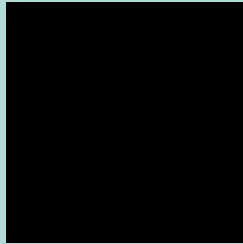
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6972, 64.5141, 73.8069

Background



This preview shows how black text looks on a background with the XYZ color 55.6972, 64.5141, 73.8069.

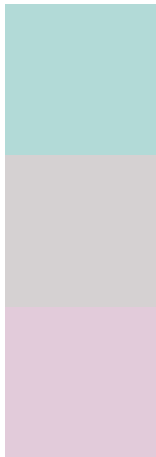


This preview shows how white text looks on a background with the XYZ color 55.6972, 64.5141,

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

55.6972, 64.5141, 73.8069

Protanopia

61.8739, 64.4002, 70.1421

Deuteranopia

65.3749, 63.9426, 75.2262



Tritanopia

58.0645, 64.3078, 86.4431

Trichromacy



Original Color

55.6972, 64.5141, 73.8069

Protanomaly

59.2466, 64.1198, 71.5411

Deuteranomaly

61.3748, 63.6768, 74.7017

Tritanomaly

57.1057, 64.3060, 81.3540

Monochromacy



Original Color

55.6972, 64.5141, 73.8069

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3202, 62.4324, 69.3512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6972, 64.5141, 73.8069 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(178, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 218, 215)  
}
```

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(178, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 218, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.6972, 64.5141, 73.8069 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(178, 218, 215) }
```


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

```
.border{ border-color:rgb(178, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 218,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6972, 64.5141, 73.8069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 218, 215) }
```

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

```
.background{ background-color: rgb(178,  
218, 215) }
```

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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