

Converting Colors

XYZ(56.8073, 65.1369, 73.4196)

Have a look what the booklet for
XYZ(56.8073, 65.1369, 73.4196)
contains.

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Color

**XYZ(56.7374, 65.0651,
73.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DAD6
RGB	183, 218, 214
RGB Percent	72%, 85%, 84%
CMY	0.2823, 0.1451, 0.1608
CMYK	0.16, 0.00, 0.02, 0.15
HSL	173°, 32%, 79%
HSV	173°, 16%, 85%
XYZ	56.7374, 65.0651, 73.1868
YIQ	207.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

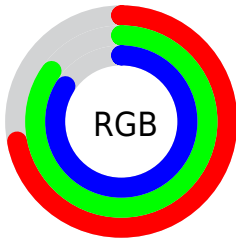
Format	Color
RYB	183, 202, 218
Decimal	12049110
CIELab	84.52, -12.27, -1.89
CIELCh	85, 12.410, 188.755
Yxy	65.0651, 0.2910, 0.3337
Android (android.graphics.Color)	4290239190 (0xFFB7DAD6)
YUV	207.0790, 3.4121, -21.1173
Hunter-Lab	80.6629, -15.6053, 2.6693

Details

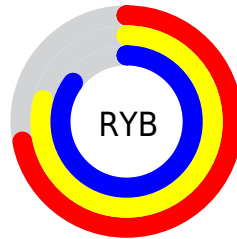
The XYZ color **56.7374, 65.0651, 73.1868** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8188, 52.3619, 54.2340**, and the grayscale version is **59.3483, 62.4390, 67.9961**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.5611, 33.4434, 37.7508** is the 20% darker color. If you saturate the color by 10%, you get **51.6329, 62.4719, 71.2997**, and if you desaturate by 10%, it is **62.6537, 68.0797, 75.1401**.

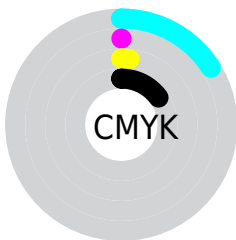
Distribution



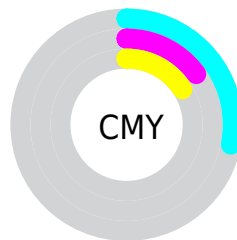
- Red (72%)
- Green (85%)
- Blue (84%)



- Red (72%)
- Yellow (79%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7374, 65.0651, 73.1868 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 56.7374, 65.0651, 73.1868 by changing the saturation by 10% instead.

■ 56.7374, 65.0651,
73.1868

■ 56.7374, 65.0651,
73.1868

402.4947,
443.0259, 490.7501

■ 41.0338, 47.5139,
53.6360

■ 99.2155, 112.1434,
125.4657

■ 28.5333, 33.4421,
37.9195

126.7207,
142.4394, 159.0309

■ 18.8705, 22.4653,
25.6189

158.8904,
177.7523, 198.1046

■ 11.6802, 14.1992,
16.3155

196.0900,
218.4666, 243.1054

■ 6.5970, 8.2593,
9.5909

238.6849,
264.9667, 294.4518

■ 3.2554, 4.2613,
5.0266

287.0404,

■ 1.2902, 1.8208,

317.6370, 352.5624

2.2038

341.5219,
376.8620, 417.8556

■ 0.1759, 0.5001,
0.6766

■ 0.0000, 0.0000,
0.0000

■ 56.7374, 65.0651,
73.1868

■ 56.7374, 65.0651,
73.1868

■ 51.6329, 62.4719,
71.2997

■ 62.6537, 68.0797,
75.1401

■ 47.2976, 60.2729,
69.4725


■ 69.4106, 71.5254,
77.1569


■ 43.6938, 58.4505,
67.7048

■ 77.0425, 75.4216,
79.2403


■ 40.7780, 56.9822,
65.9944


■ 79.7636, 76.7856,
81.1197


 38.5024, 55.8433,
64.3390


 80.1043, 76.9219,
82.9136


 36.8128, 55.0060,
62.7358


 80.4499, 77.0601,
84.7337


 35.6462, 54.4378,
61.1820

 80.8006, 77.2004,
86.5801

 34.9242, 54.0982,
59.6735

 81.1562, 77.3426,
88.4530

 34.7064, 53.9987,
59.0885

 81.5169, 77.4869,
90.3524

Harmonies

Analogous

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



57.0204, 65.0651, 65.4718



56.7374, 65.0651, 73.1868



57.7901, 65.0651, 80.8057

Triad

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



56.7374, 65.0651, 73.1868



65.2291, 65.0651, 83.3886



63.7881, 65.0651, 57.5853

Complementary

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



56.7374, 65.0651, 73.1868



54.8188, 52.3619, 54.2340

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.



66.0799, 65.0651, 61.7382



56.7374, 65.0651, 73.1868



66.9289, 65.0651, 76.5040

Square

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



56.7374, 65.0651, 73.1868



62.6549, 65.0651, 86.9768



67.2448, 65.0651, 68.5534



61.0370, 65.0651, 56.8421

Rectangle

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



56.7374, 65.0651, 73.1868



59.1267, 65.0651, 84.6699



67.2448, 65.0651, 68.5534



64.6401, 65.0651, 58.6131

Sweetspot

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



56.7393, 65.0678, 73.1883



90.2799, 97.5680, 107.4560



54.1345, 64.1397, 54.3278



19.1854, 20.8131, 22.9570



0.0000, 0.0000, 0.0000



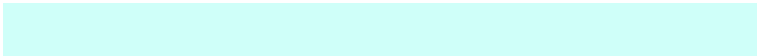
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7393, 65.0678, 73.1883



78.5372, 91.5889, 103.5376



53.9170, 58.5949, 74.8010



13.3774, 14.8026, 16.4502



20.8173, 32.3596, 35.5331



1.3673, 2.1039, 2.4000

Inverse Universe

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



54.8188, 52.3619, 54.2340



75.3391, 70.4260, 71.9702



57.2969, 57.9945, 52.9749



13.1163, 13.0756, 13.8737



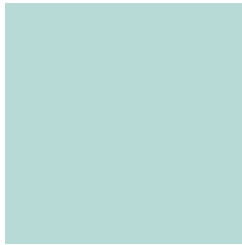
17.4469, 8.9798, 1.4676



1.1510, 0.5900, 0.2040

Previews

White Background



This preview shows how the XYZ color 56.7374, 65.0651, 73.1868 looks on a white background.

Color Contrast Check

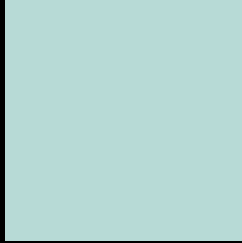
Large Text (above 18pt) WCAG AA × Fail

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 56.7374, 65.0651, 73.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

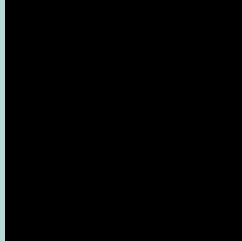
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

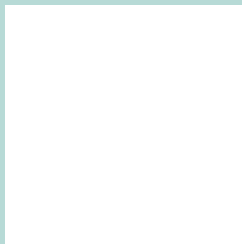
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7374, 65.0651, 73.1868

Background



This preview shows how black text looks on a background with the XYZ color 56.7374, 65.0651, 73.1868.



This preview shows how white text looks on a background with the XYZ color 56.7374, 65.0651,

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

56.7374, 65.0651, 73.1868

Protanopia

62.0406, 64.5005, 69.5016

Deuteranopia

66.1122, 64.6895, 74.6475



Tritanopia

59.1156, 64.8662, 85.7486

Trichromacy



Original Color

56.7374, 65.0651, 73.1868

Protanomaly

59.9300, 64.4866, 70.9165

Deuteranomaly

62.3465, 64.5558, 74.1403

Tritanomaly

58.1541, 64.8623, 80.6888

Monochromacy



Original Color

56.7374, 65.0651, 73.1868

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.2158, 63.2474, 70.1124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7374, 65.0651, 73.1868 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, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 218, 214)  
}
```

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, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 218, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.7374, 65.0651, 73.1868 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, 218, 214) }
```


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

```
.border{ border-color:rgb(183, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(183, 218,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7374, 65.0651, 73.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 218, 214) }
```

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

```
.background{ background-color: rgb(183,  
218, 214) }
```

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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