

Converting Colors

XYZ(55.9573, 64.2667, 73.4826)

Have a look what the booklet for
XYZ(55.9573, 64.2667, 73.4826)
contains.

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Color

**XYZ(55.9010, 64.2353,
73.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D9D7
RGB	180, 217, 215
RGB Percent	71%, 85%, 84%
CMY	0.2941, 0.1490, 0.1569
CMYK	0.17, 0.00, 0.01, 0.15
HSL	177°, 33%, 78%
HSV	177°, 17%, 85%
XYZ	55.9010, 64.2353, 73.7423
YIQ	205.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

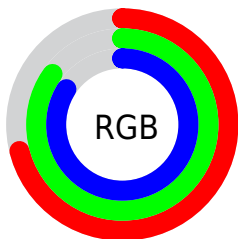
Format	Color
RYB	180, 199, 217
Decimal	11852247
CIELab	84.09, -12.50, -3.07
CIELCh	84, 12.867, 193.809
Yxy	64.2353, 0.2883, 0.3313
Android (android.graphics.Color)	4290042327 (0xFFB4D9D7)
YUV	205.7090, 4.5805, -22.5468
Hunter-Lab	80.1469, -15.7567, 1.5508

Details

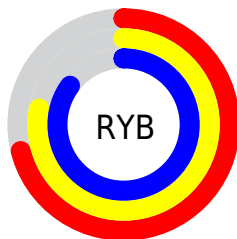
The XYZ color **55.9010, 64.2353, 73.7423** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3824, 50.7734, 51.2455**, and the grayscale version is **58.4631, 61.5078, 66.9820**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.0179, 32.8908, 38.1296** is the 20% darker color. If you saturate the color by 10%, you get **51.0895, 61.7740, 72.7333**, and if you desaturate by 10%, it is **61.5082, 67.1101, 74.7969**.

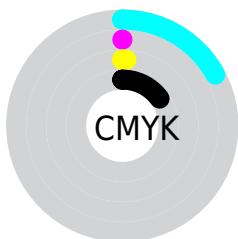
Distribution



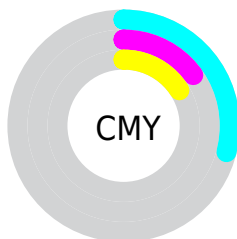
- Red (71%)
- Green (85%)
- Blue (84%)



- Red (71%)
- Yellow (78%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9010, 64.2353, 73.7423 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 55.9010, 64.2353, 73.7423 by changing the saturation by 10% instead.

■ 55.9010, 64.2353,
73.7423

■ 55.9010, 64.2353,
73.7423

399.3994,
440.0389, 492.7231

■ 40.3602, 46.8413,
54.0876

■ 98.0005, 110.9497,
126.2611

■ 28.0050, 32.9102,
38.2781

125.2899,
141.0389, 159.9623

■ 18.4699, 22.0577,
25.8951

157.2262,
176.1287, 199.1828

■ 11.3896, 13.8993,
16.5201

194.1749,
216.6033, 244.3411

■ 6.3987, 8.0506,
9.7346

236.5011,
262.8472, 295.8557

■ 3.1320, 4.1274,
5.1201

284.5704,

■ 1.2239, 1.7451,

315.2449, 354.1452

2.2579

338.7480,
374.1806, 419.6282

■ 0.1251, 0.4526,
0.7075

■ 0.0000, 0.0000,
0.0000

■ 55.9010, 64.2353,
73.7423

■ 55.9010, 64.2353,
73.7423

■ 51.0895, 61.7740,
72.7333

■ 61.5082, 67.1101,
74.7969

■ 47.0314, 59.6992,
71.7638

■ 67.9399, 70.4081,
75.8945

■ 43.6890, 57.9933,
70.8334

■ 75.2301, 74.1486,
77.0379

■ 41.0191, 56.6339,
69.9402

■ 78.9326, 76.0395,
78.0191

■ 38.9739, 55.5964,
69.0818

■ 79.0885, 76.1018,
78.8400

■ 37.4990, 54.8528,
68.2557

■ 79.2455, 76.1646,
79.6666

■ 36.5310, 54.3705,
67.4589

■ 79.4036, 76.2278,
80.4991

■ 35.9866, 54.1063,
66.6875

■ 79.5627, 76.2915,
81.3374

■ 35.8646, 54.0482,
66.4629

■ 79.7230, 76.3556,
82.1814

Harmonies

Analogous

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



55.9565, 64.2353, 65.6688



55.9010, 64.2353, 73.7423



57.1957, 64.2353, 81.3402

Triad

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



55.9010, 64.2353, 73.7423



64.9140, 64.2353, 81.8500



62.5897, 64.2353, 55.9670

Complementary

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



55.9010, 64.2353, 73.7423



53.3824, 50.7734, 51.2455

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.



65.0814, 64.2353, 59.6605



55.9010, 64.2353, 73.7423



66.4515, 64.2353, 74.3952

Square

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



55.9010, 64.2353, 73.7423



62.3669, 64.2353, 86.2607



66.5137, 64.2353, 66.2733



59.7591, 64.2353, 55.8220

Rectangle

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



55.9010, 64.2353, 73.7423



58.6742, 64.2353, 84.9402



66.5137, 64.2353, 66.2733



63.4967, 64.2353, 56.8210

Sweetspot

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



55.9029, 64.2380, 73.7437



90.4029, 97.6171, 108.1035



52.4548, 62.9257, 52.5624



19.2154, 20.8251, 23.1149



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.



55.9029, 64.2380, 73.7437



78.2705, 91.4008, 105.8112



52.2276, 56.4729, 73.7964



13.4128, 14.8168, 16.6369



21.7225, 32.7216, 40.2994



1.4168, 2.1237, 2.6609

Inverse Universe

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



53.3824, 50.7734, 51.2455



74.0661, 68.9390, 68.2811



56.6032, 57.5441, 51.3050



13.0845, 13.0629, 13.7061



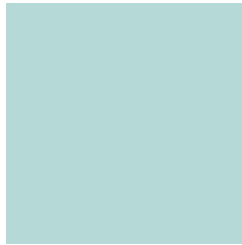
17.3736, 8.9505, 1.0815



1.1358, 0.5840, 0.1242

Previews

White Background



This preview shows how the XYZ color 55.9010, 64.2353, 73.7423 looks on a white background.

Color Contrast Check

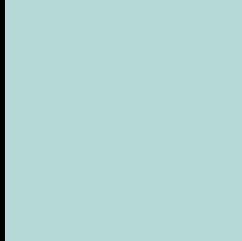
Large Text (above 18pt) WCAG AA × Fail

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 55.9010, 64.2353, 73.7423 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

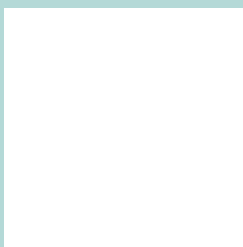
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9010, 64.2353, 73.7423

Background



This preview shows how black text looks on a background with the XYZ color 55.9010, 64.2353, 73.7423.



This preview shows how white text looks on a background with the XYZ color 55.9010, 64.2353,

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

55.9010, 64.2353, 73.7423

Protanopia

61.6293, 63.9110, 70.0606

Deuteranopia

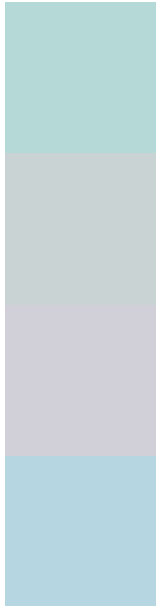
65.3749, 63.9426, 75.2262



Tritanopia

58.1405, 63.9866, 85.6303

Trichromacy



Original Color

55.9010, 64.2353, 73.7423

Protanomaly

59.2653, 63.7595, 71.4706

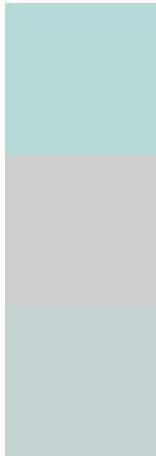
Deuteranomaly

61.3748, 63.6768, 74.7017

Tritanomaly

57.3193, 64.0369, 81.2908

Monochromacy



Original Color

55.9010, 64.2353, 73.7423

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5812, 62.5670, 69.3634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9010, 64.2353, 73.7423 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(180, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(180, 217, 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(180, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.9010, 64.2353, 73.7423 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(180, 217, 215) }
```


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

```
.border{ border-color:rgb(180, 217, 215) }
```

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

Here you see how a box with a 4 pixel rgb(180, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(180, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9010, 64.2353, 73.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 217, 215) }
```

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

```
.background{ background-color: rgb(180,  
217, 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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