

Converting Colors

XYZ(53.8015, 62.5077, 70.5559)

Have a look what the booklet for
XYZ(53.8015, 62.5077, 70.5559)
contains.

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Color

**XYZ(53.7375, 62.4180,
70.8436)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD7D3
RGB	175, 215, 211
RGB Percent	69%, 84%, 83%
CMY	0.3137, 0.1568, 0.1725
CMYK	0.19, 0.00, 0.02, 0.16
HSL	174°, 33%, 76%
HSV	174°, 19%, 84%
XYZ	53.7375, 62.4180, 70.8436
YIQ	202.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

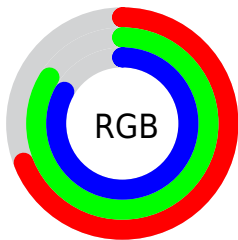
Format	Color
R_{YB}	175, 196, 215
Decimal	11524051
CIE _{Lab}	83.14, -13.86, -2.38
CIE _{LCh}	83, 14.066, 189.749
Yxy	62.4180, 0.2874, 0.3338
Android (android.graphics.Color)	4289714131 (0xFFAFD7D3)
YUV	202.5840, 4.1491, -24.1912
Hunter-Lab	79.0051, -16.8471, 2.1384

Details

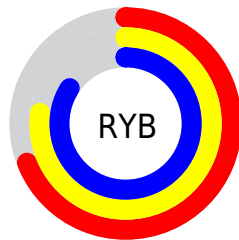
The XYZ color **53.7375, 62.4180, 70.8436** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.4932, 48.3634, 49.2716**, and the grayscale version is **56.4904, 59.4323, 64.7217**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.6826, 31.7135, 36.6133** is the 20% darker color. If you saturate the color by 10%, you get **49.0234, 60.0204, 69.2255**, and if you desaturate by 10%, it is **59.2271, 65.2183, 72.5194**.

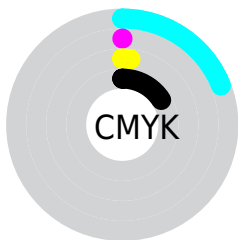
Distribution



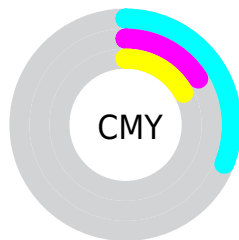
- Red (69%)
- Green (84%)
- Blue (83%)



- Red (69%)
- Yellow (77%)
- Blue (84%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)




- Cyan (31%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7375, 62.4180, 70.8436 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 53.7375, 62.4180, 70.8436 by changing the saturation by 10% instead.


 53.7375, 62.4180,
70.8436

 53.7375, 62.4180,
70.8436


391.3229,
433.4542, 482.3754

 38.6217, 45.3705,
51.7335


 94.8479, 108.3294,
122.1034

 26.6449, 31.7494,
36.4119


121.5731,
137.9622, 155.0902

 17.4419, 21.1701,
24.4603


152.8989,
172.5588, 193.5396

 10.6473, 13.2484,
15.4601

189.1905,
212.5038, 237.8702

 5.8958, 7.5998,
8.9927

230.8134,
258.1814, 288.5006

 2.8219, 3.8400,
4.6397

278.1328,

 1.0603, 1.5845,

309.9760, 345.8492

1.9824

331.5142,
368.2722, 410.3346

0.0000, 0.3471,
0.5444

0.0000, 0.0000,
0.0000

53.7375, 62.4180,
70.8436

53.7375, 62.4180,
70.8436

49.0234, 60.0204,
69.2255

59.2271, 65.2183,
72.5194

45.0431, 57.9990,
67.6593


65.5208, 68.4310,
74.2505


41.7593, 56.3363,
66.1443


72.6522, 72.0751,
76.0398


39.1290, 55.0100,
64.6786


78.4079, 75.0097,
77.7837

 37.1046, 53.9957,
63.2597


 78.6941, 75.1242,
79.2909


 35.6320, 53.2655,
61.8852


 78.9840, 75.2401,
80.8174


 34.6473, 52.7863,
60.5519

 79.2776, 75.3576,
82.3633

 34.0531, 52.5081,
59.2552

 79.5749, 75.4765,
83.9288

 33.9819, 52.4753,
59.0764

 79.8759, 75.5969,
85.5138

Harmonies

Analogous

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



53.9978, 62.4180, 62.3185



53.7375, 62.4180, 70.8436



54.9349, 62.4180, 79.2662

Triad

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



53.7375, 62.4180, 70.8436



63.1521, 62.4180, 81.6970



61.3776, 62.4180, 53.4047

Complementary

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



53.7375, 62.4180, 70.8436



51.4932, 48.3634, 49.2716

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.



63.9460, 62.4180, 57.7882



53.7375, 62.4180, 70.8436



64.9946, 62.4180, 73.9375

Square

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



53.7375, 62.4180, 70.8436



60.3241, 62.4180, 85.8772



65.2900, 62.4180, 65.1608



58.3399, 62.4180, 52.7306

Rectangle

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



53.7375, 62.4180, 70.8436



56.4235, 62.4180, 83.5118



65.2900, 62.4180, 65.1608



62.3273, 62.4180, 54.4742

Sweetspot

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



53.7393, 62.4206, 70.8450



89.3979, 97.1146, 107.3539



50.7851, 61.3620, 49.7259



19.0088, 20.7222, 22.9425



0.0000, 0.0000, 0.0000



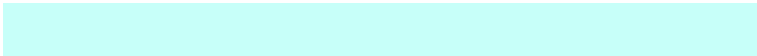
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7393, 62.4206, 70.8450



76.4459, 90.5121, 103.3801



50.5240, 55.1767, 72.2803



12.7361, 14.0855, 15.6909



20.3468, 31.3941, 35.4515



1.2431, 1.8999, 2.2217

Inverse Universe

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



51.4932, 48.3634, 49.2716



72.6013, 66.4452, 66.4491



54.2501, 54.5158, 48.2218



12.4732, 12.4408, 13.1664



16.8639, 8.6819, 1.3212



1.0348, 0.5307, 0.1725

Previews

White Background



This preview shows how the XYZ color 53.7375, 62.4180, 70.8436 looks on a white background.

Color Contrast Check

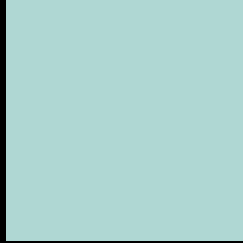
Large Text (above 18pt) WCAG AA × Fail

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 53.7375, 62.4180, 70.8436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

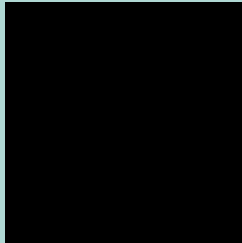
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

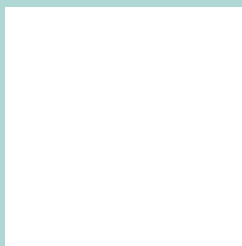
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7375, 62.4180, 70.8436

Background



This preview shows how black text looks on a background with the XYZ color 53.7375, 62.4180, 70.8436.



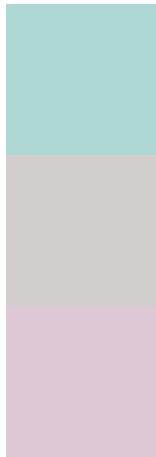
This preview shows how white text looks on a background with the XYZ color 53.7375, 62.4180,

70.8436.

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

53.7375, 62.4180, 70.8436

Protanopia

59.7902, 62.3005, 67.2664

Deuteranopia

63.2233, 61.8516, 72.2246



Tritanopia

56.2767, 62.3278, 83.1931

Trichromacy



Original Color

53.7375, 62.4180, 70.8436

Protanomaly

57.2116, 62.0253, 68.6312

Deuteranomaly

59.2952, 61.5886, 71.7134

Tritanomaly

55.3392, 62.3274, 78.2209

Monochromacy



Original Color

53.7375, 62.4180, 70.8436

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.4457, 60.4193, 67.1323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7375, 62.4180, 70.8436 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(175, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(175, 215, 211)  
}
```

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(175, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.7375, 62.4180, 70.8436 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(175, 215, 211) }
```


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

```
.border{ border-color:rgb(175, 215, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(175, 215,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7375, 62.4180, 70.8436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 215, 211) }
```

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

```
.background{ background-color: rgb(175,  
215, 211) }
```

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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