

Converting Colors

XYZ(56.8049, 62.4171, 74.6994)

Have a look what the booklet for
XYZ(56.8049, 62.4171, 74.6994)
contains.

XYZ(56.8049, 62.4171, 74.6994)	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(56.8049, 62.4171,
74.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD3D9
RGB	189, 211, 217
RGB Percent	74%, 83%, 85%
CMY	0.2588, 0.1725, 0.1490
CMYK	0.13, 0.03, 0.00, 0.15
HSL	193°, 27%, 80%
HSV	193°, 13%, 85%
XYZ	56.8049, 62.4171, 74.6994
YIQ	205.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

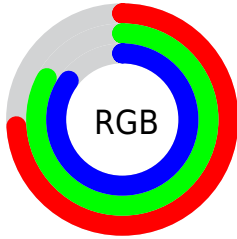
Format	Color
R _{YB}	189, 201, 217
Decimal	12440537
CIE Lab	83.13, -6.14, -5.47
CIE LCh	83, 8.224, 221.706
Yxy	62.4171, 0.2929, 0.3219
Android (android.graphics.Color)	4290630617 (0xFFBDD3D9)
YUV	205.1060, 5.8637, -14.1250
Hunter-Lab	79.0045, -9.9149, -0.7560

Details

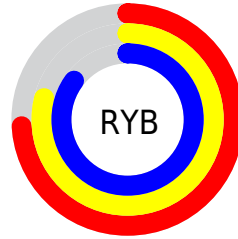
The XYZ color **56.8049, 62.4171, 74.6994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3160, 57.4558, 56.2144**, and the grayscale version is **58.0679, 61.0920, 66.5292**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.5702, 31.8735, 38.8288** is the 20% darker color. If you saturate the color by 10%, you get **50.6821, 57.5729, 74.0881**, and if you desaturate by 10%, it is **63.7701, 67.7485, 75.3623**.

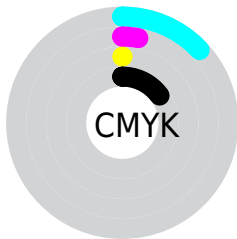
Distribution



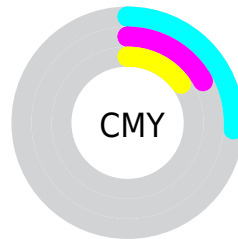
- Red (74%)
- Green (83%)
- Blue (85%)



- Red (74%)
- Yellow (79%)
- Blue (85%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8049, 62.4171, 74.6994 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 56.8049, 62.4171, 74.6994 by changing the saturation by 10% instead.

■ 56.8049, 62.4171,
74.6994

■ 56.8049, 62.4171,
74.6994

402.7439,
433.4509, 496.1116

■ 41.0881, 45.3698,
54.8664

■ 99.3135, 108.3281,
127.6299

■ 28.5759, 31.7488,
38.8969

126.8360,
137.9607, 161.5646

■ 18.9029, 21.1697,
26.3723

159.0245,
172.5571, 201.0368

■ 11.7037, 13.2481,
16.8741

196.2443,
212.5017, 246.4653

■ 6.6130, 7.5996,
9.9838

238.8608,
258.1790, 298.2684

■ 3.2655, 3.8398,
5.2827

287.2393,

■ 1.2957, 1.5844,

309.9734, 356.8648

2.3525

341.7452,
368.2692, 422.6730

■ 0.1800, 0.3470,
0.7604

■ 0.0000, 0.0000,
0.0000

■ 56.8049, 62.4171,
74.6994

■ 56.8049, 62.4171,
74.6994

■ 50.6821, 57.5729,
74.0881

■ 63.7701, 67.7485,
75.3623

■ 45.3603, 53.1891,
73.5224

■ 71.6060, 73.5770,
76.0744

■ 40.8028, 49.2481,
73.0019

■ 80.3461, 79.9221,
76.8384

■ 36.9676, 45.7277,
72.5246

■ 81.9489, 82.6384,
77.2783

■ 33.8086, 42.6039,
72.0881

■ 83.2566, 85.2539,
77.7142

■ 31.2744, 39.8495,
71.6900

■ 84.5990, 87.9388,
78.1617

■ 29.3054, 37.4335,
71.3275

■ 85.9765, 90.6936,
78.6208

■ 27.8301, 35.3187,
70.9970

■ 87.3892, 93.5190,
79.0917

■ 26.9979, 33.9565,
70.7779

■ 88.8373, 96.4153,
79.5744

Harmonies

Analogous

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



56.0343, 62.4171, 69.9714



56.8049, 62.4171, 74.6994



58.2569, 62.4171, 77.7077

Triad

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



56.8049, 62.4171, 74.6994



62.6376, 62.4171, 71.0876



58.6333, 62.4171, 58.8012

Complementary

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



56.8049, 62.4171, 74.6994



57.3160, 57.4558, 56.2144

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.



60.4073, 62.4171, 59.0665



56.8049, 62.4171, 74.6994



62.7433, 62.4171, 65.9906

Square

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



56.8049, 62.4171, 74.6994



61.6338, 62.4171, 75.5516



61.9197, 62.4171, 61.6417



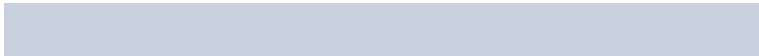
57.0757, 62.4171, 60.8978

Rectangle

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



56.8049, 62.4171, 74.6994



59.4276, 62.4171, 78.2463



61.9197, 62.4171, 61.6417



59.2237, 62.4171, 58.6201

Sweetspot

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



56.8067, 62.4197, 74.7008



90.7035, 96.7306, 108.4980



55.6053, 64.3676, 60.8875



19.2442, 20.5755, 23.2071



0.0000, 0.0000, 0.0000



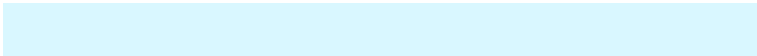
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8067, 62.4197, 74.7008



79.7930, 88.3374, 107.4530



53.5689, 55.9441, 73.6215



13.1959, 14.3315, 16.7229



16.4227, 20.7148, 42.8712



1.1241, 1.4624, 2.7975

Inverse Universe

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



58.5721, 55.8513, 69.3243



82.7473, 77.4605, 98.4303



60.5040, 63.8318, 57.2771



13.4887, 13.2246, 15.8349



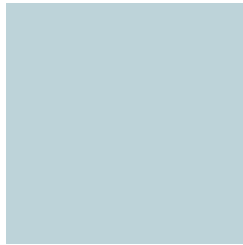
21.7847, 10.7149, 24.3102



1.4417, 0.7063, 1.7350

Previews

White Background



This preview shows how the XYZ color 56.8049, 62.4171, 74.6994 looks on a white background.

Color Contrast Check

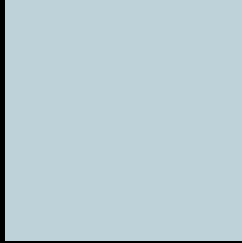
Large Text (above 18pt) WCAG AA × Fail

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 56.8049, 62.4171, 74.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

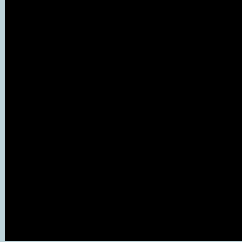
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

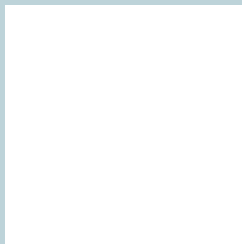
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8049, 62.4171, 74.6994

Background



This preview shows how black text looks on a background with the XYZ color 56.8049, 62.4171, 74.6994.

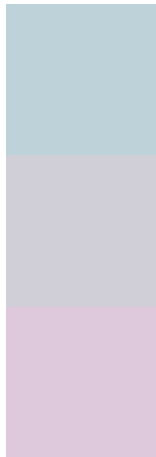


This preview shows how white text looks on a background with the XYZ color 56.8049, 62.4171,

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

56.8049, 62.4171, 74.6994

Protanopia

60.2213, 62.4075, 72.4902

Deuteranopia

63.4916, 62.2599, 75.6888



Tritanopia

58.2599, 62.6605, 80.9756

Trichromacy



Original Color

56.8049, 62.4171, 74.6994

Protanomaly

58.9090, 62.4356, 73.2364

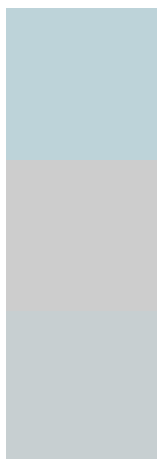
Deuteranomaly

60.7807, 62.2799, 75.1474

Tritanomaly

57.6011, 62.3680, 78.8144

Monochromacy



Original Color

56.8049, 62.4171, 74.6994

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3746, 61.3712, 69.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8049, 62.4171, 74.6994 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(189, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 211, 217)  
}
```

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(189, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 211, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.8049, 62.4171, 74.6994 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(189, 211, 217) }
```


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

```
.border{ border-color:rgb(189, 211, 217) }
```

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

Here you see how a box with a 4 pixel rgb(189, 211, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 211,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8049, 62.4171, 74.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 211, 217) }
```

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

```
.background{ background-color: rgb(189,  
211, 217) }
```

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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