

Converting Colors

XYZ(56.4876, 62.7816, 74.6161)

Have a look what the booklet for
XYZ(56.4876, 62.7816, 74.6161)
contains.

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Color

**XYZ(56.3176, 62.5358,
74.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD4D9
RGB	186, 212, 217
RGB Percent	73%, 83%, 85%
CMY	0.2706, 0.1686, 0.1490
CMYK	0.14, 0.02, 0.00, 0.15
HSL	190°, 29%, 79%
HSV	190°, 14%, 85%
XYZ	56.3176, 62.5358, 74.7480
YIQ	204.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

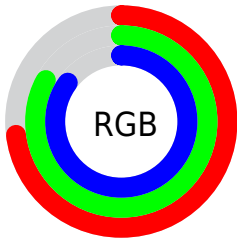
Format	Color
R _Y B	186, 200, 217
Decimal	12244185
CIE Lab	83.20, -7.62, -5.40
CIE LCh	83, 9.339, 215.337
Yxy	62.5358, 0.2909, 0.3230
Android (android.graphics.Color)	4290434265 (0xFFBAD4D9)
YUV	204.7960, 6.0166, -16.4841
Hunter-Lab	79.0796, -11.2681, -0.6867

Details

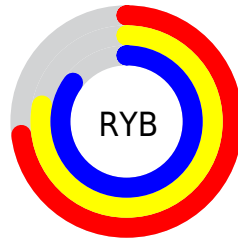
The XYZ color **56.3176, 62.5358, 74.7480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1095, 55.5585, 54.2222**, and the grayscale version is **57.8710, 60.8848, 66.3035**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.2514, 31.7091, 38.8139** is the 20% darker color. If you saturate the color by 10%, you get **50.5764, 58.2936, 74.2328**, and if you desaturate by 10%, it is **62.8820, 67.2338, 75.3098**.

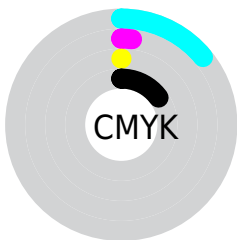
Distribution



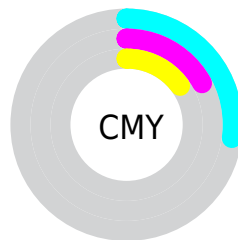
- Red (73%)
- Green (83%)
- Blue (85%)



- Red (73%)
- Yellow (78%)
- Blue (85%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3176, 62.5358, 74.7480 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 56.3176, 62.5358, 74.7480 by changing the saturation by 10% instead.

■ 56.3176, 62.5358,
74.7480

■ 56.3176, 62.5358,
74.7480

400.9430,
433.8828, 496.2833

■ 40.6956, 45.4658,
54.9060

■ 98.6059, 108.4995,
127.6994

■ 28.2679, 31.8245,
38.9284

126.0029,
138.1620, 161.6459

■ 18.6692, 21.2275,
26.3966

158.0557,
172.7908, 201.1309

■ 11.5341, 13.2904,
16.8922

195.1296,
212.7703, 246.5730

■ 6.4972, 7.6288,
9.9965

237.5899,
258.4848, 298.3907

■ 3.1932, 3.8584,
5.2911

285.8020,

■ 1.2567, 1.5946,

310.3188, 357.0027

2.3573

340.1312,
368.6567, 422.8273

■ 0.1505, 0.3540,
0.7631

■ 0.0000, 0.0000,
0.0000

■ 56.3176, 62.5358,
74.7480

■ 56.3176, 62.5358,
74.7480

■ 50.5764, 58.2936,
74.2328

■ 62.8820, 67.2338,
75.3098

■ 45.6168, 54.4806,
73.7582

■ 70.2979, 72.3974,
75.9156

■ 41.4018, 51.0793,
73.3238

■ 78.5991, 78.0459,
76.5684

■ 37.8891, 48.0676,
72.9276

■ 80.9600, 80.6607,
76.9486

■ 35.0322, 45.4214,
72.5675

■ 81.9209, 82.5826,
77.2690

■ 32.7787, 43.1135,
72.2408

■ 82.9014, 84.5435,
77.5958

■ 31.0681, 41.1125,
71.9447

■ 83.9015, 86.5437,
77.9291

■ 29.8265, 39.3803,
71.6758

■ 84.9213, 88.5834,
78.2691

■ 29.2568, 38.4744,
71.5309

■ 85.9610, 90.6628,
78.6157

Harmonies

Analogous

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



55.6444, 62.5358, 69.1336



56.3176, 62.5358, 74.7480



57.8280, 62.5358, 78.7386

Triad

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



56.3176, 62.5358, 74.7480



63.0485, 62.5358, 72.8520



59.0769, 62.5358, 57.5782

Complementary

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



56.3176, 62.5358, 74.7480



56.1095, 55.5585, 54.2222

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.



61.0784, 62.5358, 58.4491



56.3176, 62.5358, 74.7480



63.4011, 62.5358, 67.0586

Square

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



56.3176, 62.5358, 74.7480



61.7196, 62.5358, 77.6011



62.6724, 62.5358, 61.8412



57.2141, 62.5358, 59.3912

Rectangle

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



56.3176, 62.5358, 74.7480



59.1224, 62.5358, 79.8238



62.6724, 62.5358, 61.8412



59.7556, 62.5358, 57.5679

Sweetspot

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



56.3194, 62.5384, 74.7494



90.8741, 97.0719, 108.5549



54.4292, 63.8121, 58.5380



19.2875, 20.6622, 23.2216



0.0000, 0.0000, 0.0000



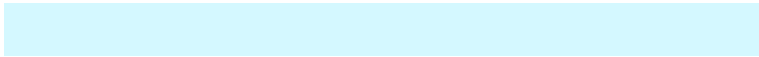
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3194, 62.5384, 74.7494



78.6717, 88.3073, 107.5063



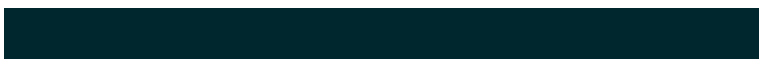
52.7075, 55.3145, 73.5454



13.2569, 14.4535, 16.7432



17.7756, 23.4207, 43.3222



1.2004, 1.6149, 2.8229

Inverse Universe

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



58.0593, 54.6244, 69.7738



81.6412, 74.9502, 98.9806



59.5867, 62.5129, 55.3813



13.5195, 13.2369, 15.9970



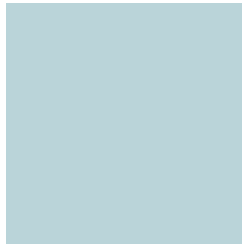
22.4676, 10.9881, 27.9063



1.4802, 0.7217, 1.9377

Previews

White Background



This preview shows how the XYZ color 56.3176, 62.5358, 74.7480 looks on a white background.

Color Contrast Check

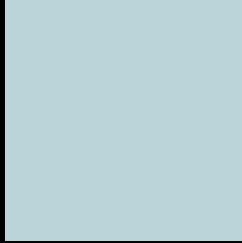
Large Text (above 18pt) WCAG AA × Fail

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 56.3176, 62.5358, 74.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

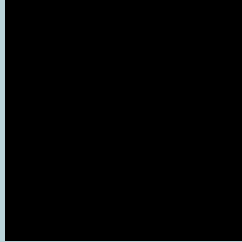
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

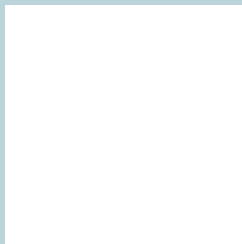
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3176, 62.5358, 74.7480

Background



This preview shows how black text looks on a background with the XYZ color 56.3176, 62.5358, 74.7480.



This preview shows how white text looks on a background with the XYZ color 56.3176, 62.5358,

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

56.3176, 62.5358, 74.7480

Protanopia

60.3760, 62.5020, 71.8327

Deuteranopia

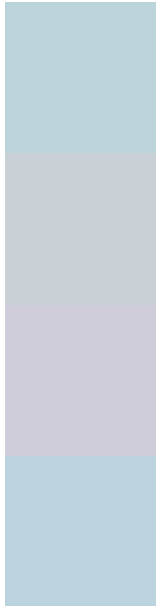
63.4916, 62.2599, 75.6888



Tritanopia

57.6508, 62.3306, 81.6655

Trichromacy



Original Color

56.3176, 62.5358, 74.7480

Protanomaly

58.7809, 62.3843, 72.5616

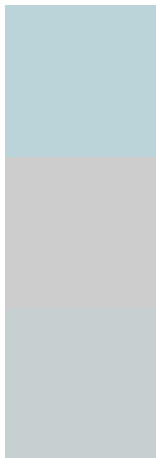
Deuteranomaly

60.4986, 62.1345, 75.1342

Tritanomaly

57.1071, 62.4810, 78.8622

Monochromacy



Original Color

56.3176, 62.5358, 74.7480

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3532, 61.7210, 69.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3176, 62.5358, 74.7480 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(186, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(186, 212, 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(186, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.3176, 62.5358, 74.7480 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(186, 212, 217) }
```


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

```
.border{ border-color:rgb(186, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(186, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3176, 62.5358, 74.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 212, 217) }
```

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

```
.background{ background-color: rgb(186,  
212, 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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