

Converting Colors

XYZ(57.0926, 62.4883, 75.6999)

Have a look what the booklet for
XYZ(57.0926, 62.4883, 75.6999)
contains.

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Color

**XYZ(57.1844, 62.5976,
75.3983)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BED3DA |
| RGB | 190, 211, 218 |
| RGB Percent | 75%, 83%, 85% |
| CMY | 0.2549, 0.1725, 0.1451 |
| CMYK | 0.13, 0.03, 0.00, 0.15 |
| HSL | 195°, 27%, 80% |
| HSV | 195°, 13%, 85% |
| XYZ | 57.1844, 62.5976, 75.3983 |
| YIQ | 205.5190, -14.7630, -2.2750 |

Conversions

Conversions Part 2

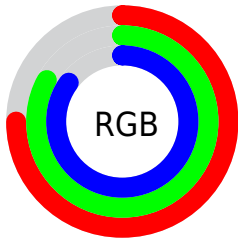
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 190, 202, 218 |
| Decimal | 12506074 |
| CIELab | 83.23, -5.62, -5.86 |
| CIELCh | 83, 8.113, 226.198 |
| Yxy | 62.5976, 0.2930, 0.3207 |
| Android (android.graphics.Color) | 4290696154 (0xFFBED3DA) |
| YUV | 205.5190, 6.1531, -13.6102 |
| Hunter-Lab | 79.1186, -9.4436, -1.1190 |

Details

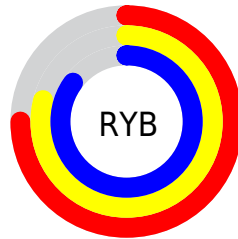
The XYZ color **57.1844, 62.5976, 75.3983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1745, 58.5557, 56.9527**, and the grayscale version is **58.3291, 61.3668, 66.8284**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.8212, 31.9925, 39.3065** is the 20% darker color. If you saturate the color by 10%, you get **50.8113, 57.3385, 74.7201**, and if you desaturate by 10%, it is **64.4214, 68.3736, 76.1327**.

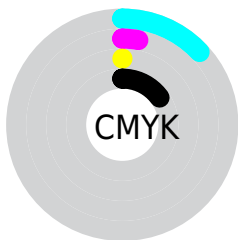
Distribution



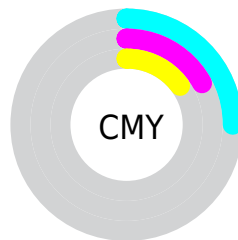
- Red (75%)
- Green (83%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



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



- Cyan (25%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1844, 62.5976, 75.3983 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 57.1844, 62.5976, 75.3983 by changing the saturation by 10% instead.

■ 57.1844, 62.5976,
75.3983

■ 57.1844, 62.5976,
75.3983

404.1429,
434.1076, 498.5774

■ 41.3940, 45.5157,
55.4356

■ 99.8640, 108.5888,
128.6283

■ 28.8161, 31.8639,
39.3496

127.4839,
138.2669, 162.7326

■ 19.0853, 21.2575,
26.7219

159.7778,
172.9125, 202.3879

■ 11.8363, 13.3124,
17.1339

197.1109,
212.9101, 248.0127

■ 6.7037, 7.6440,
10.1670

239.8486,
258.6440, 300.0254

■ 3.3222, 3.8680,
5.4028

288.3563,

■ 1.3263, 1.6000,

310.4986, 358.8448

2.4226

342.9993,
368.8584, 424.8893

■ 0.2028, 0.3576,
0.7987

■ 0.0000, 0.0000,
0.0000

■ 57.1844, 62.5976,
75.3983

■ 57.1844, 62.5976,
75.3983

■ 50.8113, 57.3385,
74.7201

■ 64.4214, 68.3736,
76.1327

■ 45.2602, 52.5688,
74.0920

■ 72.5512, 74.6768,
76.9209

■ 40.4937, 48.2705,
73.5136

■ 81.4595, 81.4508,
77.7589

■ 36.4693, 44.4207,
72.9826

■ 82.9763, 84.4844,
78.2645

■ 33.1403, 40.9948,
72.4968

■ 84.5407, 87.6132,
78.7860

■ 30.4542, 37.9651,
72.0536

■ 86.1531, 90.8381,
79.3234

■ 28.3510, 35.2998,
71.6500

■ 87.8140, 94.1598,
79.8770

■ 26.7580, 32.9608,
71.2824

■ 89.5237, 97.5792,
80.4469

■ 25.8453, 31.4424,
71.0375

■ 89.6551, 97.8420,
80.4908

Harmonies

Analogous

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



56.3048, 62.5976, 70.8988



57.1844, 62.5976, 75.3983



58.6931, 62.5976, 78.0144

Triad

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



57.1844, 62.5976, 75.3983



62.8459, 62.5976, 70.4976



58.5577, 62.5976, 59.2646

Complementary

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



57.1844, 62.5976, 75.3983



58.1745, 58.5557, 56.9527

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.



60.3085, 62.5976, 59.1691



57.1844, 62.5976, 75.3983



62.8079, 62.5976, 65.4890

Square

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



57.1844, 62.5976, 75.3983



61.9742, 62.5976, 75.0921



61.8714, 62.5976, 61.3970



57.0870, 62.5976, 61.6648

Rectangle

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



57.1844, 62.5976, 75.3983



59.8634, 62.5976, 78.2590



61.8714, 62.5976, 61.3970



59.1324, 62.5976, 58.9661

Sweetspot

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



57.1862, 62.6002, 75.3997



90.5887, 96.5009, 108.4598



56.3324, 65.1010, 62.1414



19.2151, 20.5173, 23.1974



0.0000, 0.0000, 0.0000



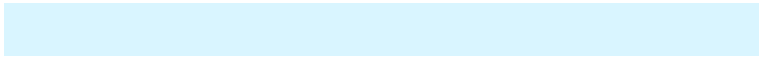
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1862, 62.6002, 75.3997



79.3771, 87.5056, 107.3144



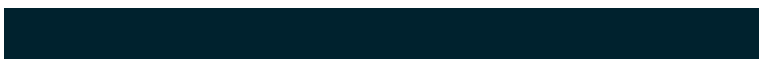
53.9637, 56.1552, 74.3255



13.1550, 14.2497, 16.7093



15.5732, 19.0157, 42.5880



1.0756, 1.3652, 2.7813

Inverse Universe

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



59.0863, 56.4369, 69.4102



82.5374, 77.3765, 97.3248



61.3873, 64.9813, 58.0237



13.4681, 13.2163, 15.7262



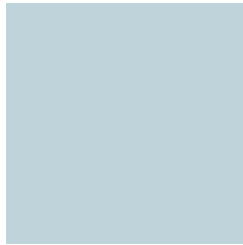
21.3559, 10.5434, 22.0522



1.4172, 0.6965, 1.6058

Previews

White Background



This preview shows how the XYZ color 57.1844, 62.5976, 75.3983 looks on a white background.

Color Contrast Check

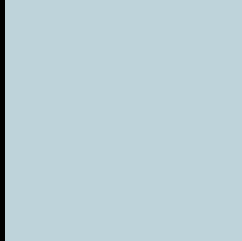
Large Text (above 18pt) WCAG AA × Fail

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 57.1844, 62.5976, 75.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

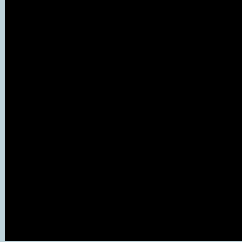
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

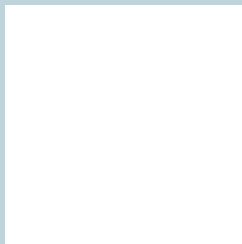
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1844, 62.5976, 75.3983

Background



This preview shows how black text looks on a background with the XYZ color 57.1844, 62.5976, 75.3983.



This preview shows how white text looks on a background with the XYZ color 57.1844, 62.5976,

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

57.1844, 62.5976, 75.3983

Protanopia

60.3495, 62.4588, 73.1650

Deuteranopia

63.6237, 62.3127, 76.3844



Tritanopia

58.2599, 62.6605, 80.9756

Trichromacy



Original Color

57.1844, 62.5976, 75.3983

Protanomaly

59.0379, 62.4871, 73.9153

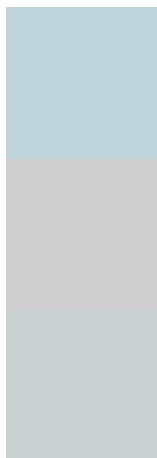
Deuteranomaly

61.1958, 62.4788, 75.8521

Tritanomaly

57.8517, 62.4973, 78.8261

Monochromacy



Original Color

57.1844, 62.5976, 75.3983

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0082, 62.0443, 69.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1844, 62.5976, 75.3983 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(190, 211, 218) looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 218)  
}
```

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(190, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.1844, 62.5976, 75.3983 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(190, 211, 218) }
```


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

```
.border{ border-color:rgb(190, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1844, 62.5976, 75.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 218) }
```

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

```
.background{ background-color: rgb(190,  
211, 218) }
```

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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