

Converting Colors

XYZ(56.1815, 62.8826, 72.7948)

Have a look what the booklet for
XYZ(56.1815, 62.8826, 72.7948)
contains.

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Color

**XYZ(56.1815, 62.8826,
72.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD5D6
RGB	186, 213, 214
RGB Percent	73%, 84%, 84%
CMY	0.2706, 0.1647, 0.1608
CMYK	0.13, 0.00, 0.00, 0.16
HSL	182°, 25%, 78%
HSV	182°, 13%, 84%
XYZ	56.1815, 62.8826, 72.7948
YIQ	205.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

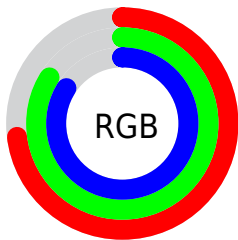
Format	Color
RYB	186, 200, 214
Decimal	12244438
CIELab	83.38, -8.75, -3.54
CIELCh	83, 9.433, 202.011
Yxy	62.8826, 0.2928, 0.3278
Android (android.graphics.Color)	4290434518 (0xFFBAD5D6)
YUV	205.0410, 4.4168, -16.6990
Hunter-Lab	79.2985, -12.3086, 1.0817

Details

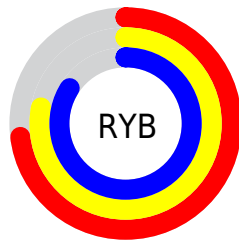
The XYZ color **56.1815, 62.8826, 72.7948** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3652, 53.3817, 53.8937**, and the grayscale version is **58.0361, 61.0585, 66.4927**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.1577, 31.9435, 37.4825** is the 20% darker color. If you saturate the color by 10%, you get **51.1763, 60.0201, 72.5071**, and if you desaturate by 10%, it is **61.9699, 66.1535, 73.1221**.

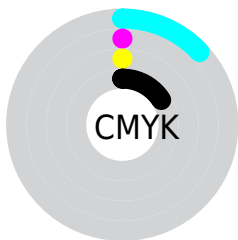
Distribution



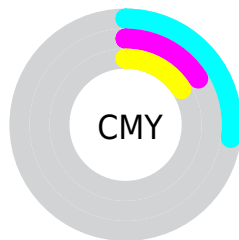
- Red (73%)
- Green (84%)
- Blue (84%)



- Red (73%)
- Yellow (78%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1815, 62.8826, 72.7948 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 56.1815, 62.8826, 72.7948 by changing the saturation by 10% instead.

■ 56.1815, 62.8826,
72.7948

■ 56.1815, 62.8826,
72.7948

400.4391,
435.1433, 489.3550

■ 40.5860, 45.7462,
53.3174

■ 98.4082, 109.0001,
124.9041

■ 28.1820, 32.0456,
37.6667

125.7701,
138.7501, 158.3730

■ 18.6041, 21.3963,
25.4243

157.7849,
173.4733, 197.3429

■ 11.4868, 13.4140,
16.1716

194.8179,
213.5543, 242.2322

■ 6.4650, 7.7143,
9.4900

237.2344,
259.3774, 293.4596

■ 3.1732, 3.9127,
4.9610

285.3999,

■ 1.2460, 1.6248,

311.3270, 351.4434

2.1660

339.6797,
369.7875, 416.6024

■ 0.1422, 0.3743,
0.6547

■ 0.0000, 0.0000,
0.0000

■ 56.1815, 62.8826,
72.7948

■ 56.1815, 62.8826,
72.7948

■ 51.1763, 60.0201,
72.5071

■ 61.9699, 66.1535,
73.1221

■ 46.9142, 57.5404,
72.2531

■ 68.5683, 69.8417,
73.4862

■ 43.3601, 55.4270,
72.0325

■ 76.0091, 73.9654,
73.8900

■ 40.4737, 53.6591,
71.8434

■ 77.9471, 75.2537,
74.0365

■ 38.2106, 52.2139,
71.6837

■ 78.1428, 75.6452,
74.1017

■ 36.5211, 51.0658,
71.5511

■ 78.3395, 76.0385,
74.1673

■ 35.3480, 50.1851,
71.4430

■ 78.5370, 76.4336,
74.2331

■ 34.6223, 49.5364,
71.3560

■ 78.7355, 76.8305,
74.2993

■ 34.3011, 49.1818,
71.3045

■ 78.9349, 77.2293,
74.3657

Harmonies

Analogous

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



55.9424, 62.8826, 66.9089



56.1815, 62.8826, 72.7948



57.3705, 62.8826, 77.7733

Triad

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



56.1815, 62.8826, 72.7948



62.9343, 62.8826, 75.6674



60.3185, 62.8826, 57.8692

Complementary

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



56.1815, 62.8826, 72.7948



54.3652, 53.3817, 53.8937

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.



62.2315, 62.8826, 59.9371



56.1815, 62.8826, 72.7948



63.7642, 62.8826, 70.0521

Square

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



56.1815, 62.8826, 72.7948



61.2602, 62.8826, 79.4968



63.5040, 62.8826, 64.3170



58.3003, 62.8826, 58.5103

Rectangle

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



56.1815, 62.8826, 72.7948



58.5569, 62.8826, 79.7971



63.5040, 62.8826, 64.3170



60.9958, 62.8826, 58.2662

Sweetspot

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



56.1833, 62.8852, 72.7962



91.2807, 97.8850, 108.6904



53.2598, 62.1183, 56.1602



19.3908, 20.8687, 23.2560



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.



56.1833, 62.8852, 72.7962



81.1383, 92.1429, 108.1166



52.8271, 56.1727, 71.6775



12.7525, 14.0285, 15.9732



20.7495, 29.7607, 43.1039



1.2636, 1.8192, 2.6039

Inverse Universe

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



57.3021, 54.2193, 70.3990



83.1542, 76.5812, 103.7852



57.4666, 59.5846, 54.9275



12.9330, 12.6247, 15.5876



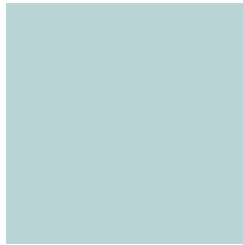
23.5322, 11.3492, 36.4364



1.4255, 0.6870, 2.2298

Previews

White Background



This preview shows how the XYZ color 56.1815, 62.8826, 72.7948 looks on a white background.

Color Contrast Check

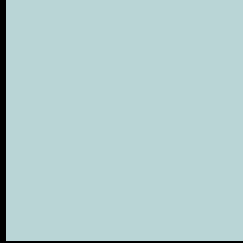
Large Text (above 18pt) WCAG AA × Fail

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 56.1815, 62.8826, 72.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

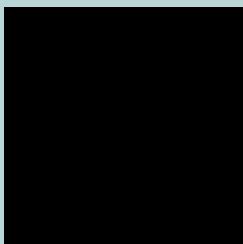
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

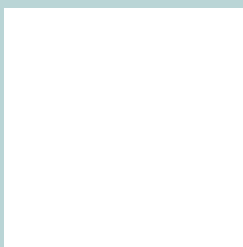
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1815, 62.8826, 72.7948

Background



This preview shows how black text looks on a background with the XYZ color 56.1815, 62.8826, 72.7948.

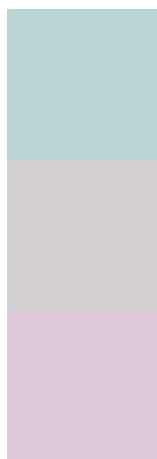


This preview shows how white text looks on a background with the XYZ color 56.1815, 62.8826,

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

56.1815, 62.8826, 72.7948

Protanopia

60.2825, 62.4974, 69.8587

Deuteranopia

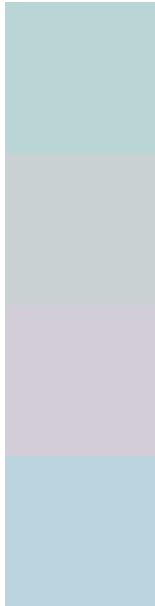
63.7127, 62.4191, 73.6558



Tritanopia

58.0369, 62.8813, 82.4772

Trichromacy



Original Color

56.1815, 62.8826, 72.7948

Protanomaly

58.6457, 62.7216, 70.6435

Deuteranomaly

60.6754, 62.2706, 73.1115

Tritanomaly

57.3563, 62.9795, 78.9453

Monochromacy



Original Color

56.1815, 62.8826, 72.7948

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.2297, 61.6716, 68.5620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1815, 62.8826, 72.7948 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, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(186, 213, 214)  
}
```

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, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.1815, 62.8826, 72.7948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

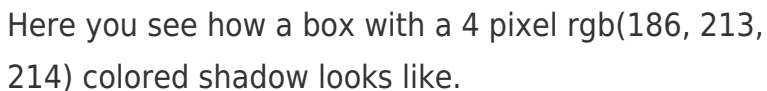
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 213, 214) }
```


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

```
.border{ border-color:rgb(186, 213, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 213, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 213, 214); box-shadow:4px 4px 4px 4px rgb(186, 213, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1815, 62.8826, 72.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 213, 214) }
```

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

```
.background{ background-color: rgb(186,  
213, 214) }
```

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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