

Converting Colors

XYZ(56.8201, 62.1629, 75.9873)

Have a look what the booklet for
XYZ(56.8201, 62.1629, 75.9873)
contains.

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Color

**XYZ(56.8190, 62.0265,
75.9955)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD2DB
RGB	189, 210, 219
RGB Percent	74%, 82%, 86%
CMY	0.2588, 0.1765, 0.1412
CMYK	0.14, 0.04, 0.00, 0.14
HSL	198°, 29%, 80%
HSV	198°, 14%, 86%
XYZ	56.8190, 62.0265, 75.9955
YIQ	204.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

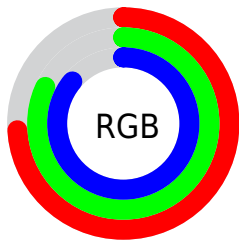
Format	Color
RYB	189, 201, 219
Decimal	12440283
CIELab	82.93, -5.21, -6.84
CIELCh	83, 8.602, 232.707
Yxy	62.0265, 0.2916, 0.3183
Android (android.graphics.Color)	4290630363 (0xFFBDD2DB)
YUV	204.7470, 7.0267, -13.8101
Hunter-Lab	78.7569, -9.0461, -2.0813

Details

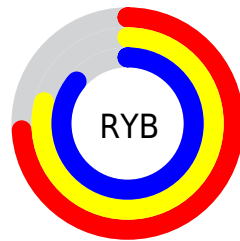
The XYZ color **56.8190, 62.0265, 75.9955** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5931, 59.1220, 56.4686**, and the grayscale version is **57.8329, 60.8447, 66.2599**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.5810, 31.6082, 39.7166** is the 20% darker color. If you saturate the color by 10%, you get **50.2035, 56.2596, 75.2320**, and if you desaturate by 10%, it is **64.3250, 68.3545, 76.8223**.

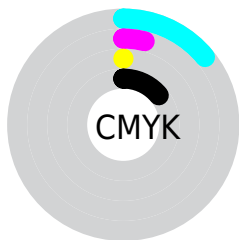
Distribution



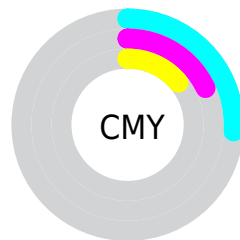
- Red (74%)
- Green (82%)
- Blue (86%)



- Red (74%)
- Yellow (79%)
- Blue (86%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8190, 62.0265, 75.9955 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 56.8190, 62.0265, 75.9955 by changing the saturation by 10% instead.

■ 56.8190, 62.0265,
75.9955

■ 56.8190, 62.0265,
75.9955

402.7959,
432.0277, 500.6787

■ 41.0995, 45.0541,
55.9222

■ 99.3339, 107.7638,
129.4806

■ 28.5849, 31.5001,
39.7370

126.8601,
137.2976, 163.7294

■ 18.9097, 20.9799,
27.0213

159.0525,
171.7872, 203.5405

■ 11.7087, 13.1093,
17.3566

196.2765,
211.6171, 249.3324

■ 6.6164, 7.5039,
10.3244

238.8975,
257.1718, 301.5236

■ 3.2676, 3.7792,
5.5062

287.2808,

■ 1.2968, 1.5508,

308.8355, 360.5327

2.4833

341.7918,
366.9927, 426.7782

■ 0.1808, 0.3241,
0.8313

■ 0.0000, 0.0000,
0.0000

■ 56.8190, 62.0265,
75.9955

■ 56.8190, 62.0265,
75.9955

■ 50.2035, 56.2596,
75.2320

■ 64.3250, 68.3545,
76.8223

■ 44.4355, 51.0257,
74.5258

■ 72.7512, 75.2552,
77.7102

■ 39.4767, 46.3054,
73.8760

■ 82.1325, 82.7493,
78.6622

■ 35.2834, 42.0749,
73.2805

■ 84.1013, 86.5244,
79.2871

■ 31.8076, 38.3082,
72.7366

■ 86.0301, 90.3821,
79.9301

■ 28.9953, 34.9764,
72.2418

■ 88.0293, 94.3804,
80.5965

■ 26.7844, 32.0460,
71.7927

■ 89.7864, 97.8946,
81.1821

■ 25.0998, 29.4771,
71.3856

■ 24.2307, 28.0032,
71.1469

Harmonies

Analogous

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



55.7240, 62.0265, 71.5579



56.8190, 62.0265, 75.9955



58.5026, 62.0265, 78.1868

Triad

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



56.8190, 62.0265, 75.9955



62.5645, 62.0265, 68.8417



57.5878, 62.0265, 58.5423

Complementary

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



56.8190, 62.0265, 75.9955



58.5931, 59.1220, 56.4686

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.



59.4084, 62.0265, 57.8998



56.8190, 62.0265, 75.9955



62.3071, 62.0265, 63.6683

Square

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



56.8190, 62.0265, 75.9955



61.8384, 62.0265, 73.9182



61.1425, 62.0265, 59.7294



56.1613, 62.0265, 61.5328

Rectangle

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



56.8190, 62.0265, 75.9955



59.7426, 62.0265, 78.0021



61.1425, 62.0265, 59.7294



58.1730, 62.0265, 58.0512

Sweetspot

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



56.8208, 62.0291, 75.9969



90.4283, 96.1803, 108.4063



56.4542, 65.5371, 62.7997



19.1744, 20.4360, 23.1839



0.0000, 0.0000, 0.0000



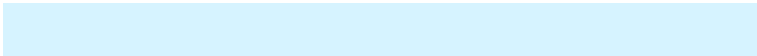
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8208, 62.0291, 75.9969



77.8201, 85.5064, 107.0106



53.4008, 55.1890, 74.8569



13.0981, 14.1359, 16.6903



14.4674, 16.8043, 42.2194



1.0113, 1.2368, 2.7599

Inverse Universe

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



59.0453, 56.1096, 68.6940



81.4793, 75.9113, 94.9654



62.0684, 66.0726, 57.6270



13.4394, 13.2048, 15.5749



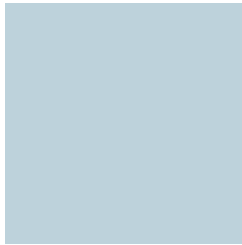
20.7978, 10.3202, 19.1132



1.3848, 0.6835, 1.4351

Previews

White Background



This preview shows how the XYZ color 56.8190, 62.0265, 75.9955 looks on a white background.

Color Contrast Check

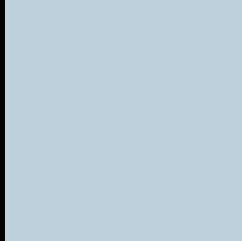
Large Text (above 18pt) WCAG AA × Fail

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 56.8190, 62.0265, 75.9955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

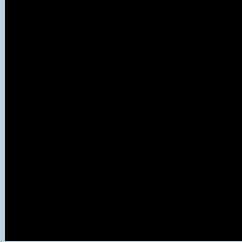
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

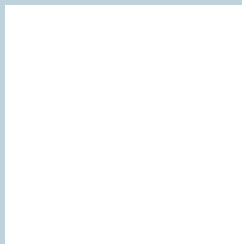
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8190, 62.0265, 75.9955

Background



This preview shows how black text looks on a background with the XYZ color 56.8190, 62.0265, 75.9955.



This preview shows how white text looks on a background with the XYZ color 56.8190, 62.0265,

75.9955.

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

56.8190, 62.0265, 75.9955

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

62.9188, 61.5891, 76.9783



Tritanopia

57.7631, 62.0391, 80.8818

Trichromacy



Original Color

56.8190, 62.0265, 75.9955

Protanomaly

58.6566, 61.9148, 74.5048

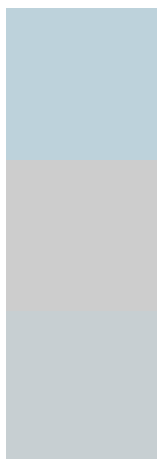
Deuteranomaly

60.5236, 61.7629, 76.4417

Tritanomaly

57.3550, 61.8758, 78.7323

Monochromacy



Original Color

56.8190, 62.0265, 75.9955

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4989, 61.4209, 69.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8190, 62.0265, 75.9955 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, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 210, 219)  
}
```

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, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 210, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.8190, 62.0265, 75.9955 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, 210, 219) }
```


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

```
.border{ border-color:rgb(189, 210, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 210, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 210, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 210,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8190, 62.0265, 75.9955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 210, 219) }
```

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

```
.background{ background-color: rgb(189,  
210, 219) }
```

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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