

Converting Colors

XYZ(56.0431, 61.7161, 71.9094)

Have a look what the booklet for
XYZ(56.0431, 61.7161, 71.9094)
contains.

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Color

**XYZ(56.0431, 61.7161,
71.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD2D5
RGB	189, 210, 213
RGB Percent	74%, 82%, 84%
CMY	0.2588, 0.1765, 0.1647
CMYK	0.11, 0.01, 0.00, 0.16
HSL	187°, 22%, 79%
HSV	187°, 11%, 84%
XYZ	56.0431, 61.7161, 71.9094
YIQ	204.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

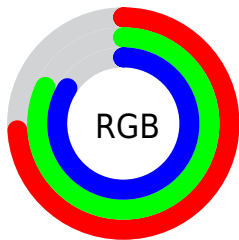
Format	Color
RYB	189, 200, 213
Decimal	12440277
CIELab	82.76, -6.43, -3.89
CIELCh	83, 7.511, 211.190
Yxy	61.7161, 0.2955, 0.3254
Android (android.graphics.Color)	4290630357 (0xFFBDD2D5)
YUV	204.0630, 4.4059, -13.2103
Hunter-Lab	78.5596, -10.1404, 0.7207

Details

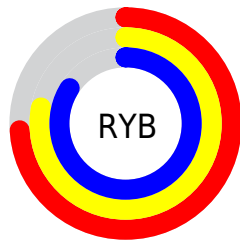
The XYZ color **56.0431, 61.7161, 71.9094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4759, 55.5193, 55.9376**, and the grayscale version is **57.4149, 60.4050, 65.7810**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.2134, 31.4798, 36.9370** is the 20% darker color. If you saturate the color by 10%, you get **50.4919, 57.8892, 71.4643**, and if you desaturate by 10%, it is **62.3848, 65.9700, 72.3972**.

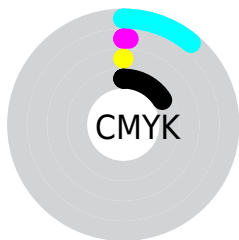
Distribution



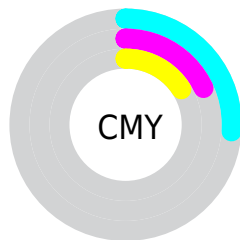
- Red (74%)
- Green (82%)
- Blue (84%)



- Red (74%)
- Yellow (78%)
- Blue (84%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0431, 61.7161, 71.9094 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 56.0431, 61.7161, 71.9094 by changing the saturation by 10% instead.

■ 56.0431, 61.7161,
71.9094

■ 56.0431, 61.7161,
71.9094

399.9263,
430.8948, 486.1953

■ 40.4746, 44.8033,
52.5983

■ 98.2070, 107.3151,
123.6342

■ 28.0946, 31.3026,
37.0967

125.5332,
136.7702, 156.8850

■ 18.5378, 20.8293,
24.9860

157.5093,
171.1747, 195.6195

■ 11.4388, 12.9993,
15.8477

194.5007,
210.9133, 240.2561

■ 6.4323, 7.4281,
9.2632

236.8727,
256.3702, 291.2135

■ 3.1528, 3.7312,
4.8141

284.9908,

■ 1.2351, 1.5244,

307.9298, 348.9101

2.0818

339.2202,
365.9765, 413.7645

■ 0.1338, 0.3058,
0.6049

■ 0.0000, 0.0000,
0.0000

■ 56.0431, 61.7161,
71.9094

■ 56.0431, 61.7161,
71.9094

■ 50.4919, 57.8892,
71.4643

■ 62.3848, 65.9700,
72.3972

■ 45.6921, 54.4641,
71.0562

■ 69.5432, 70.6596,
72.9251

■ 41.6091, 51.4247,
70.6847

■ 77.5501, 75.8030,
73.4959

■ 38.2039, 48.7506,
70.3480

■ 79.0129, 77.5891,
73.7635

■ 35.4333, 46.4195,
70.0441

■ 79.7193, 79.0018,
73.9990

■ 33.2493, 44.4067,
69.7707

■ 80.4368, 80.4369,
74.2382

■ 31.5968, 42.6836,
69.5252

■ 81.1655, 81.8944,
74.4811

■ 30.4101, 41.2162,
69.3045

■ 81.9056, 83.3744,
74.7277

■ 29.6545, 40.0923,
69.1274

■ 82.6569, 84.8771,
74.9782

Harmonies

Analogous

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



55.6095, 61.7161, 67.3832



56.0431, 61.7161, 71.9094



57.1757, 61.7161, 75.2949

Triad

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



56.0431, 61.7161, 71.9094



61.4222, 61.7161, 71.5753



58.5948, 61.7161, 58.6944

Complementary

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



56.0431, 61.7161, 71.9094



55.4759, 55.5193, 55.9376

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.



60.1683, 61.7161, 59.7041



56.0431, 61.7161, 71.9094



61.8186, 61.7161, 67.0138

Square

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



56.0431, 61.7161, 71.9094



60.2820, 61.7161, 75.0958



61.3557, 61.7161, 62.6977



57.0660, 61.7161, 59.8749

Rectangle

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



56.0431, 61.7161, 71.9094



58.1850, 61.7161, 76.3742



61.3557, 61.7161, 62.6977



59.1361, 61.7161, 58.7885

Sweetspot

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



56.0449, 61.7187, 71.9108



91.9873, 97.9699, 108.6696



54.2738, 62.2053, 58.9004



19.5180, 20.8556, 23.2468



0.0000, 0.0000, 0.0000



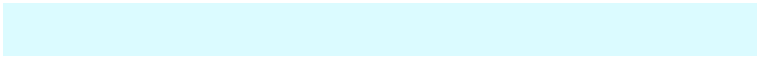
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0449, 61.7187, 71.9108



81.7081, 91.0353, 107.8728



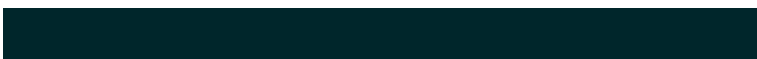
53.2374, 56.1037, 70.9749



12.6537, 13.8309, 15.9402



18.1656, 24.5930, 42.2427



1.1336, 1.5592, 2.5605

Inverse Universe

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



57.2724, 55.1957, 68.6110



83.9903, 79.0159, 101.7136



58.1722, 60.9120, 56.8364



12.8832, 12.6048, 15.3250



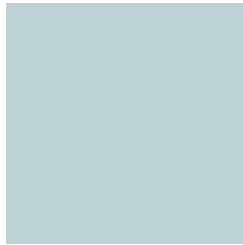
22.2280, 10.8275, 29.5685



1.3598, 0.6607, 1.8842

Previews

White Background



This preview shows how the XYZ color 56.0431, 61.7161, 71.9094 looks on a white background.

Color Contrast Check

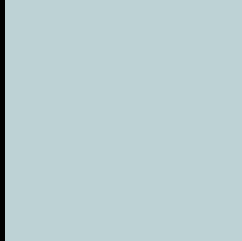
Large Text (above 18pt) WCAG AA × Fail

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 56.0431, 61.7161, 71.9094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

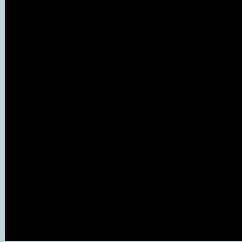
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0431, 61.7161, 71.9094

Background



This preview shows how black text looks on a background with the XYZ color 56.0431, 61.7161, 71.9094.



This preview shows how white text looks on a background with the XYZ color 56.0431, 61.7161,

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

56.0431, 61.7161, 71.9094

Protanopia

59.4766, 61.7257, 69.7523

Deuteranopia

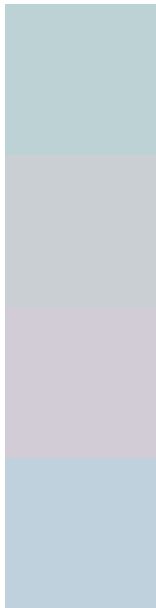
62.7388, 61.5870, 72.8708



Tritanopia

57.6323, 61.6244, 80.0913

Trichromacy



Original Color

56.0431, 61.7161, 71.9094

Protanomaly

58.1581, 61.7463, 70.4810

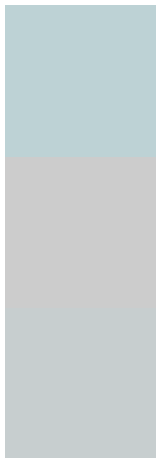
Deuteranomaly

60.0250, 61.5961, 72.3439

Tritanomaly

57.0868, 61.7685, 77.3203

Monochromacy



Original Color

56.0431, 61.7161, 71.9094

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8870, 60.7897, 67.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0431, 61.7161, 71.9094 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(189, 210, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 210, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.0431, 61.7161, 71.9094 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, 213) }
```


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

```
.border{ border-color:rgb(189, 210, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(189, 210,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0431, 61.7161, 71.9094 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, 213) }
```

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

```
.background{ background-color: rgb(189,  
210, 213) }
```

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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