

Converting Colors

XYZ(56.8725, 62.3146, 71.2681)

Have a look what the booklet for
XYZ(56.8725, 62.3146, 71.2681)
contains.

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Color

**XYZ(56.6685, 62.0531,
71.2781)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D2D4
RGB	192, 210, 212
RGB Percent	75%, 82%, 83%
CMY	0.2471, 0.1765, 0.1686
CMYK	0.09, 0.01, 0.00, 0.17
HSL	186°, 19%, 79%
HSV	186°, 9%, 83%
XYZ	56.6685, 62.0531, 71.2781
YIQ	204.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

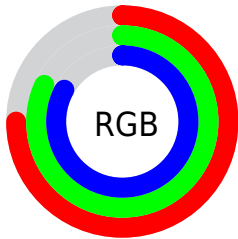
Format	Color
RYB	192, 201, 212
Decimal	12636884
CIELab	82.94, -5.64, -3.07
CIELCh	83, 6.425, 208.534
Yxy	62.0531, 0.2983, 0.3266
Android (android.graphics.Color)	4290826964 (0xFFC0D2D4)
YUV	204.8460, 3.5269, -11.2659
Hunter-Lab	78.7738, -9.4443, 1.4934

Details

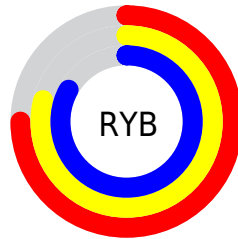
The XYZ color **56.6685, 62.0531, 71.2781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9580, 56.3862, 57.8046**, and the grayscale version is **57.9154, 60.9315, 66.3544**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **28.4555, 31.6145, 36.5007** is the 20% darker color. If you saturate the color by 10%, you get **51.1638, 58.4463, 70.8730**, and if you desaturate by 10%, it is **62.9569, 66.0776, 71.7244**.

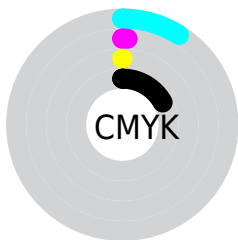
Distribution



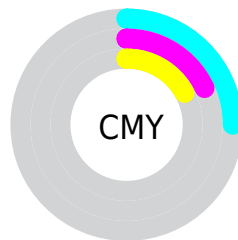
- Red (75%)
- Green (82%)
- Blue (83%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6685, 62.0531, 71.2781 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 56.6685, 62.0531, 71.2781 by changing the saturation by 10% instead.

■ 56.6685, 62.0531,
71.2781

■ 56.6685, 62.0531,
71.2781

402.2403,
432.1248, 483.9348

■ 40.9783, 45.0756,
52.0860

■ 99.1155, 107.8023,
122.7278

■ 28.4897, 31.5170,
36.6909

126.6029,
137.3427, 155.8224

■ 18.8375, 20.9928,
24.6743

158.7535,
171.8397, 194.3882

■ 11.6562, 13.1188,
15.6178

195.9325,
211.6774, 238.8438

■ 6.5806, 7.5104,
9.1027

238.5053,
257.2404, 289.6078

■ 3.2452, 3.7833,
4.7105

286.8373,

■ 1.2847, 1.5531,

308.9130, 347.0985

2.0227

341.2938,
367.0797, 411.7347

■ 0.1717, 0.3257,
0.5692

■ 0.0000, 0.0000,
0.0000

■ 56.6685, 62.0531,
71.2781

■ 56.6685, 62.0531,
71.2781

■ 51.1638, 58.4463,
70.8730

■ 62.9569, 66.0776,
71.7244

■ 46.4045, 55.2322,
70.5035

■ 70.0546, 70.5279,
72.2093

■ 42.3572, 52.3954,
70.1692

■ 77.7708, 75.3074,
72.7252

■ 38.9836, 49.9161,
69.8685

■ 78.3178, 76.4014,
72.9075

■ 36.2420, 47.7727,
69.5993

■ 78.8718, 77.5095,
73.0922

■ 34.0860, 45.9412,
69.3594

■ 79.4329, 78.6316,
73.2792

■ 32.4625, 44.3942,
69.1464

■ 80.0011, 79.7679,
73.4686

■ 31.3091, 43.0996,
68.9573

■ 80.5763, 80.9184,
73.6604

■ 30.5195, 42.0025,
68.7871

■ 81.1586, 82.0831,
73.8545

Harmonies

Analogous

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



56.3547, 62.0531, 67.3701



56.6685, 62.0531, 71.2781



57.5990, 62.0531, 74.2886

Triad

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



56.6685, 62.0531, 71.2781



61.2827, 62.0531, 71.6294



59.0479, 62.0531, 60.2170

Complementary

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



56.6685, 62.0531, 71.2781



55.9580, 56.3862, 57.8046

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.



60.3821, 62.0531, 61.2604



56.6685, 62.0531, 71.2781



61.6848, 62.0531, 67.7608

Square

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



56.6685, 62.0531, 71.2781



60.2622, 62.0531, 74.4969



61.3527, 62.0531, 63.9837



57.7154, 62.0531, 61.0775

Rectangle

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



56.6685, 62.0531, 71.2781



58.4513, 62.0531, 75.3270



61.3527, 62.0531, 63.9837



59.5111, 62.0531, 60.3559

Sweetspot

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



56.6703, 62.0557, 71.2795



92.0481, 98.0915, 108.6898



54.9830, 62.1746, 59.9469



19.5344, 20.8886, 23.2523



0.0000, 0.0000, 0.0000



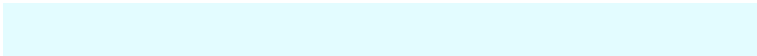
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6703, 62.0557, 71.2795



84.5858, 93.2888, 108.1561



54.3545, 57.4242, 70.5076



12.6813, 13.8860, 15.9494



18.8575, 25.9768, 42.4733



1.1687, 1.6295, 2.5722

Inverse Universe

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



57.6353, 56.3507, 68.8148



86.2977, 83.2117, 103.7742



58.1806, 60.8314, 58.5454



12.8971, 12.6103, 15.3983



22.5772, 10.9672, 31.4075



1.3776, 0.6678, 1.9776

Previews

White Background



This preview shows how the XYZ color 56.6685, 62.0531, 71.2781 looks on a white background.

Color Contrast Check

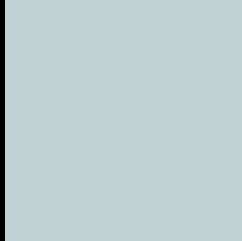
Large Text (above 18pt) WCAG AA × Fail

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 56.6685, 62.0531, 71.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

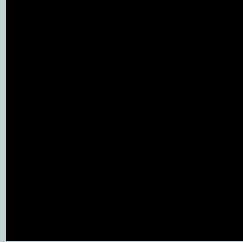
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

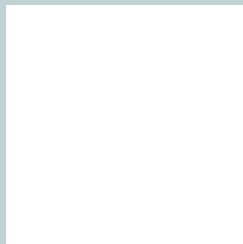
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6685, 62.0531, 71.2781

Background



This preview shows how black text looks on a background with the XYZ color 56.6685, 62.0531, 71.2781.

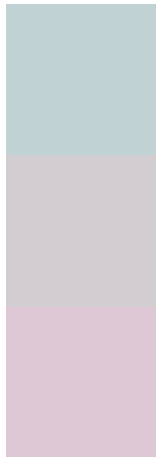


This preview shows how white text looks on a background with the XYZ color 56.6685, 62.0531, 71.2781.

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

56.6685, 62.0531, 71.2781

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

63.2233, 61.8516, 72.2246



Tritanopia

58.3946, 62.0173, 80.1270

Trichromacy



Original Color

56.6685, 62.0531, 71.2781

Protanomaly

58.5743, 61.9753, 69.8480

Deuteranomaly

60.7545, 61.9869, 71.7133

Tritanomaly

57.7111, 62.1057, 76.6560

Monochromacy



Original Color

56.6685, 62.0531, 71.2781

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5174, 61.4591, 68.5058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6685, 62.0531, 71.2781 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(192, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 212)  
}
```

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(192, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.6685, 62.0531, 71.2781 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(192, 210, 212) }
```


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

```
.border{ border-color:rgb(192, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6685, 62.0531, 71.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 212) }
```

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

```
.background{ background-color: rgb(192,  
210, 212) }
```

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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