

Converting Colors

XYZ(56.2804, 63.1332, 71.9953)

Have a look what the booklet for
XYZ(56.2804, 63.1332, 71.9953)
contains.

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Color

**XYZ(56.2980, 62.9574,
72.1356)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD5D5
RGB	187, 213, 213
RGB Percent	73%, 84%, 84%
CMY	0.2667, 0.1647, 0.1647
CMYK	0.12, 0.00, 0.00, 0.16
HSL	180°, 24%, 78%
HSV	180°, 12%, 84%
XYZ	56.2980, 62.9574, 72.1356
YIQ	205.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

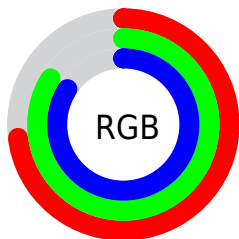
Format	Color
R _Y B	187, 200, 213
Decimal	12309973
CIE Lab	83.42, -8.63, -2.94
CIE LCh	83, 9.112, 198.810
Yxy	62.9574, 0.2942, 0.3289
Android (android.graphics.Color)	4290500053 (0xFFBBD5D5)
YUV	205.2260, 3.8326, -15.9842
Hunter-Lab	79.3457, -12.2042, 1.6396

Details

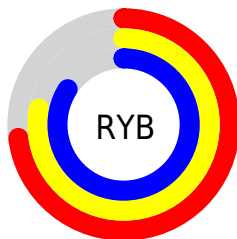
The XYZ color **56.2980, 62.9574, 72.1356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1828, 53.2763, 54.4441**, and the grayscale version is **58.1570, 61.1857, 66.6313**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **28.2299, 31.9907, 37.0347** is the 20% darker color. If you saturate the color by 10%, you get **51.4689, 60.4696, 71.9092**, and if you desaturate by 10%, it is **61.9037, 65.8489, 72.4009**.

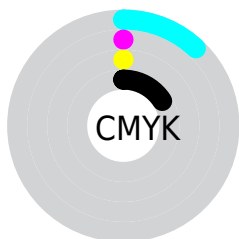
Distribution



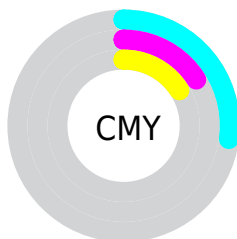
- Red (73%)
- Green (84%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2980, 62.9574, 72.1356 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 56.2980, 62.9574, 72.1356 by changing the saturation by 10% instead.

■ 56.2980, 62.9574,
72.1356

■ 56.2980, 62.9574,
72.1356

400.8704,
435.4149, 487.0037

■ 40.6798, 45.8067,
52.7819

■ 98.5774, 109.1081,
123.9588

■ 28.2556, 32.0933,
37.2422

125.9694,
138.8768, 157.2654

■ 18.6598, 21.4328,
25.0978

158.0167,
173.6205, 196.0601

■ 11.5273, 13.4407,
15.9303

195.0847,
213.7233, 240.7615

■ 6.4926, 7.7327,
9.3210

237.5387,
259.5698, 291.7879

■ 3.1903, 3.9244,
4.8515

285.7441,

■ 1.2552, 1.6314,

311.5443, 349.5581

2.1032

340.0662,
370.0312, 414.4905

■ 0.1493, 0.3786,
0.6177

■ 0.0000, 0.0000,
0.0000

■ 56.2980, 62.9574,
72.1356

■ 56.2980, 62.9574,
72.1356

■ 51.4689, 60.4696,
71.9092

■ 61.9037, 65.8489,
72.4009

■ 47.3770, 58.3602,
71.7161

■ 68.3123, 69.1526,
72.7025

■ 43.9876, 56.6130,
71.5558

■ 75.5556, 72.8866,
73.0432

■ 41.2614, 55.2076,
71.4265

■ 77.0471, 73.6555,
73.1147

■ 39.1549, 54.1217,
71.3263

■ 77.0475, 73.6556,
73.1163

■ 37.6194, 53.3301,
71.2527

■ 77.0478, 73.6558,
73.1180

■ 36.5992, 52.8042,
71.2033

■ 77.0481, 73.6559,
73.1197

■ 36.0273, 52.5095,
71.1749

■ 77.0484, 73.6560,
73.1214

■ 35.8030, 52.3939,
71.1631

■ 77.0487, 73.6562,
73.1231

Harmonies

Analogous

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



56.1720, 62.9574, 66.4502



56.2980, 62.9574, 72.1356



57.3603, 62.9574, 77.1103

Triad

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



56.2980, 62.9574, 72.1356



62.7579, 62.9574, 76.0044



60.5830, 62.9574, 58.3750

Complementary

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



56.2980, 62.9574, 72.1356



54.1828, 53.2763, 54.4441

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.



62.3883, 62.9574, 60.6477



56.2980, 62.9574, 72.1356



63.6624, 62.9574, 70.6934

Square

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



56.2980, 62.9574, 72.1356



61.0784, 62.9574, 79.4278



63.5257, 62.9574, 65.0850



58.6167, 62.9574, 58.7135

Rectangle

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



56.2980, 62.9574, 72.1356



58.4699, 62.9574, 79.2566



63.5257, 62.9574, 65.0850



61.2295, 62.9574, 58.8537

Sweetspot

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



56.2998, 62.9600, 72.1370



91.3963, 98.1164, 108.7280



53.3654, 61.7985, 56.1304



19.4202, 20.9276, 23.2656



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.



56.2998, 62.9600, 72.1370



82.3503, 93.4531, 108.3019



53.2603, 56.8804, 71.1258



12.7922, 14.1079, 15.9860



21.8691, 32.0030, 43.4676



1.3191, 1.9303, 2.6219

Inverse Universe

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



54.1828, 53.2763, 54.4441



78.4809, 75.7539, 75.9639



56.9665, 58.8443, 55.3704



12.4234, 12.4208, 12.9037



16.7620, 8.6411, 0.7850



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 56.2980, 62.9574, 72.1356 looks on a white background.

Color Contrast Check

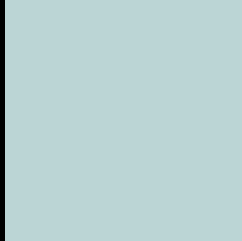
Large Text (above 18pt) WCAG AA × Fail

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 56.2980, 62.9574, 72.1356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

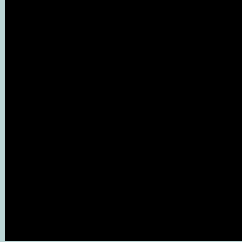
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2980, 62.9574, 72.1356

Background



This preview shows how black text looks on a background with the XYZ color 56.2980, 62.9574, 72.1356.

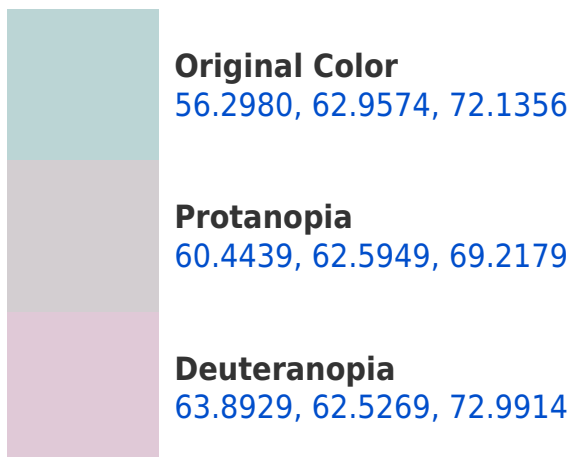


This preview shows how white text looks on a background with the XYZ color 56.2980, 62.9574,

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





Tritanopia

58.5331, 63.1371, 82.5004

Trichromacy



Original Color

56.2980, 62.9574, 72.1356

Protanomaly

58.7904, 62.8106, 69.9978

Deuteranomaly

60.8329, 62.3666, 72.4500

Tritanomaly

57.8490, 63.2335, 78.9684

Monochromacy



Original Color

56.2980, 62.9574, 72.1356

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 56.2980, 62.9574, 72.1356 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(187, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 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(187, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.2980, 62.9574, 72.1356 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(187, 213, 213) }
```


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

```
.border{ border-color:rgb(187, 213, 213) }
```

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

Here you see how a box with a 4 pixel rgb(187, 213, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2980, 62.9574, 72.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 213) }
```

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

```
.background{ background-color: rgb(187,  
213, 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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