

Converting Colors

XYZ(55.8151, 57.7325, 71.4462)

Have a look what the booklet for
XYZ(55.8151, 57.7325, 71.4462)
contains.

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Color

**XYZ(55.7224, 57.6567,
71.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C7D5
RGB	198, 199, 213
RGB Percent	78%, 78%, 84%
CMY	0.2235, 0.2196, 0.1647
CMYK	0.07, 0.07, 0.00, 0.16
HSL	236°, 15%, 81%
HSV	236°, 7%, 84%
XYZ	55.7224, 57.6567, 71.1428
YIQ	200.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

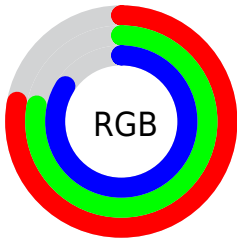
Format	Color
R _Y B	198, 199, 213
Decimal	13027285
CIE Lab	80.55, 2.32, -7.09
CIE LCh	81, 7.457, 288.123
Yxy	57.6567, 0.3020, 0.3125
Android (android.graphics.Color)	4291217365 (0xFFC6C7D5)
YUV	200.2970, 6.2626, -2.0145
Hunter-Lab	75.9320, -1.8895, -2.3980

Details

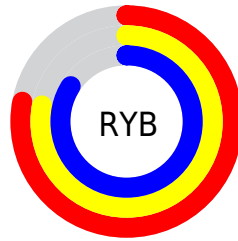
The XYZ color **55.7224, 57.6567, 71.1428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1774, 65.3099, 62.8089**, and the grayscale version is **55.0490, 57.9158, 63.0703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7986, 28.6487, 36.4124** is the 20% darker color. If you saturate the color by 10%, you get **46.2198, 46.4080, 69.4733**, and if you desaturate by 10%, it is **66.6152, 70.5120, 73.0509**.

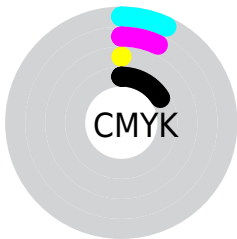
Distribution



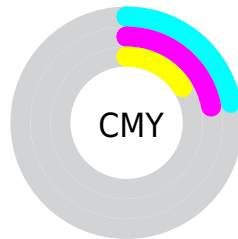
- Red (78%)
- Green (78%)
- Blue (84%)



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



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7224, 57.6567, 71.1428 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 55.7224, 57.6567, 71.1428 by changing the saturation by 10% instead.

■ 55.7224, 57.6567,
71.1428

■ 55.7224, 57.6567,
71.1428

398.7365,
415.9055, 483.4496

■ 40.2165, 41.5327,
51.9762

97.7407, 101.4228,
122.5334

■ 27.8924, 28.7356,
36.6040

124.9839,
129.8336, 155.5944

■ 18.3846, 18.8809,
24.6076

156.8703,
163.1089, 194.1241

■ 11.3278, 11.5842,
15.5686

193.7651,
201.6330, 238.5408

■ 6.3567, 6.4612,
9.0684

236.0338,
245.7904, 289.2632

■ 3.1059, 3.1275,
4.6884

284.0417,

■ 1.2100, 1.1987,

295.9653, 346.7097

2.0101

338.1541,
352.5422, 411.2990

■ 0.1142, 0.0606,
0.5615

■ 0.0000, 0.0000,
0.0000

■ 55.7224, 57.6567,
71.1428

■ 55.7224, 57.6567,
71.1428

■ 46.2198, 46.4080,
69.4733

■ 66.6152, 70.5120,
73.0509

■ 38.0467, 36.6956,
68.0294

■ 78.9458, 85.0258,
75.2025

■ 31.1453, 28.4551,
66.8026

■ 89.0104, 97.5842,
77.0960

■ 25.4514, 21.6146,
65.7823

■ 20.8955, 16.0962,
64.9573

■ 17.4009, 11.8141,
64.3149

■ 14.8814, 8.6729,
63.8414

■ 13.2371, 6.5627,
63.5208

■ 12.3415, 5.3493,
63.3338

Harmonies

Analogous

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



54.1969, 57.6567, 71.4017



55.7224, 57.6567, 71.1428



57.0238, 57.6567, 68.5803

Triad

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



55.7224, 57.6567, 71.1428



56.7911, 57.6567, 56.7037



51.9684, 57.6567, 61.0579

Complementary

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



55.7224, 57.6567, 71.1428



61.1774, 65.3099, 62.8089

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.



52.6367, 57.6567, 57.3132



55.7224, 57.6567, 71.1428



55.4095, 57.6567, 54.8788

Square

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



55.7224, 57.6567, 71.1428



57.6487, 57.6567, 60.1905



53.8897, 57.6567, 55.0966



52.0486, 57.6567, 65.4394

Rectangle

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



55.7224, 57.6567, 71.1428



57.5804, 57.6567, 65.9748



53.8897, 57.6567, 55.0966



52.1124, 57.6567, 59.6868

Sweetspot

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



55.7241, 57.6591, 71.1441



91.6990, 96.0466, 108.3135



58.9361, 64.3361, 71.4349



19.6625, 20.5993, 23.1897



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.



55.7241, 57.6591, 71.1441



82.1640, 84.7842, 106.6422



57.1758, 58.0661, 71.1461



11.8086, 12.1406, 15.6585



7.4610, 3.1837, 38.6744



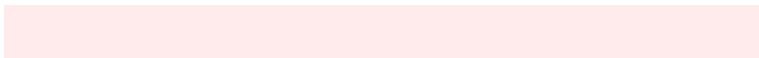
0.4740, 0.2399, 2.3406

Inverse Universe

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



57.9448, 58.6591, 62.3039



85.9690, 86.5019, 91.4948



59.6506, 64.8961, 62.8095



12.4566, 12.4341, 13.0787



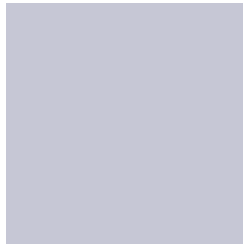
16.8248, 8.6662, 1.1155



1.0269, 0.5275, 0.1309

Previews

White Background



This preview shows how the XYZ color 55.7224, 57.6567, 71.1428 looks on a white background.

Color Contrast Check

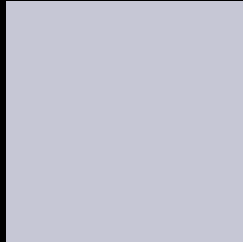
Large Text (above 18pt) WCAG AA × Fail

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 55.7224, 57.6567, 71.1428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

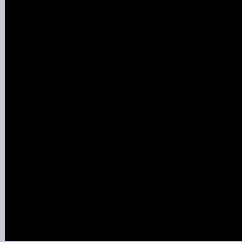
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7224, 57.6567, 71.1428

Background



This preview shows how black text looks on a background with the XYZ color 55.7224, 57.6567, 71.1428.

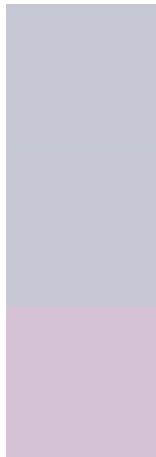


This preview shows how white text looks on a background with the XYZ color 55.7224, 57.6567,

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

55.7224, 57.6567, 71.1428

Protanopia

56.2531, 57.9303, 71.1676

Deuteranopia

58.8700, 57.5847, 71.6305



Tritanopia

55.8497, 57.7077, 71.8134

Trichromacy



Original Color

55.7224, 57.6567, 71.1428

Protanomaly

55.9869, 57.7931, 71.1551

Deuteranomaly

57.8900, 57.7448, 71.7131

Tritanomaly

55.8497, 57.7077, 71.8134

Monochromacy



Original Color

55.7224, 57.6567, 71.1428

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2269, 57.8584, 66.0146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7224, 57.6567, 71.1428 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(198, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 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(198, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.7224, 57.6567, 71.1428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

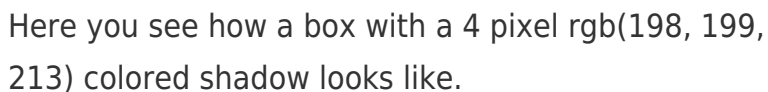
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 199, 213) }
```


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

```
.border{ border-color:rgb(198, 199, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7224, 57.6567, 71.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 213) }
```

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

```
.background{ background-color: rgb(198,  
199, 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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