

Converting Colors

XYZ(54.9100, 56.6264, 69.5929)

Have a look what the booklet for
XYZ(54.9100, 56.6264, 69.5929)
contains.

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Color

**XYZ(55.0128, 56.6414,
69.6614)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C5D3
RGB	198, 197, 211
RGB Percent	78%, 77%, 83%
CMY	0.2235, 0.2274, 0.1725
CMYK	0.06, 0.07, 0.00, 0.17
HSL	244°, 14%, 80%
HSV	244°, 7%, 83%
XYZ	55.0128, 56.6414, 69.6614
YIQ	198.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

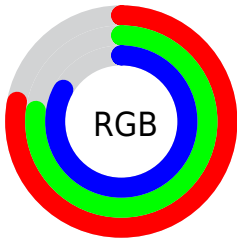
Format	Color
R _Y B	198, 197, 211
Decimal	13026771
CIE Lab	79.98, 2.99, -6.86
CIE LCh	80, 7.481, 293.580
Yxy	56.6414, 0.3034, 0.3124
Android (android.graphics.Color)	4291216851 (0xFFC6C5D3)
YUV	198.8950, 5.9678, -0.7849
Hunter-Lab	75.2605, -1.2285, -2.1967

Details

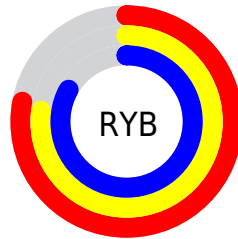
The XYZ color **55.0128, 56.6414, 69.6614** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9528, 64.3229, 62.0818**, and the grayscale version is **54.1897, 57.0117, 62.0858**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.4099, 28.0085, 35.8598** is the 20% darker color. If you saturate the color by 10%, you get **45.7177, 45.2293, 67.9494**, and if you desaturate by 10%, it is **65.6502, 69.7440, 71.6307**.

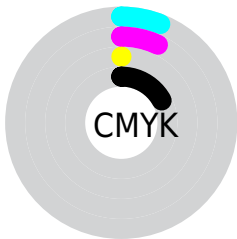
Distribution



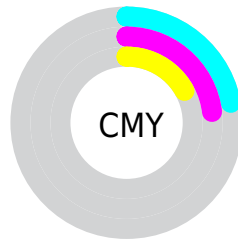
- Red (78%)
- Green (77%)
- Blue (83%)



- Red (78%)
- Yellow (77%)
- Blue (83%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0128, 56.6414, 69.6614 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 55.0128, 56.6414, 69.6614 by changing the saturation by 10% instead.

■ 55.0128, 56.6414,
69.6614

■ 55.0128, 56.6414,
69.6614

396.0961,
412.1042, 478.1172

■ 39.6459, 40.7174,
50.7754

96.7079, 99.9418,
120.4023

■ 27.4455, 28.0983,
35.6544

123.7668,
128.0869, 153.0944

■ 18.0464, 18.3998,
23.8799

155.4537,
161.0746, 191.2256

■ 11.0832, 11.2374,
15.0331

192.1340,
199.2891, 235.2144

■ 6.1905, 6.2267,
8.6958

234.1730,
243.1150, 285.4795

■ 3.0030, 2.9834,
4.4492

281.9361,

■ 1.1554, 1.1231,

292.9365, 342.4393

1.8749

335.7887,
349.1381, 406.5123

■ 0.0707, 0.0000,
0.4767

■ 0.0000, 0.0000,
0.0000

■ 55.0128, 56.6414,
69.6614

■ 55.0128, 56.6414,
69.6614

■ 45.7177, 45.2293,
67.9494

■ 65.6502, 69.7440,
71.6307

■ 37.7067, 35.4321,
66.4806

■ 77.6751, 84.5946,
73.8633

■ 30.9248, 27.1788,
65.2450

■ 88.7580, 97.4832,
75.7670

■ 25.3112, 20.3907,
64.2306

■ 20.7996, 14.9820,
63.4244

■ 17.3172, 10.8580,
62.8119

■ 14.7825, 7.9118,
62.3769

■ 13.1015, 6.0194,
62.1002

■ 12.1578, 5.0238,
61.9578

Harmonies

Analogous

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



53.5100, 56.6414, 70.3643



55.0128, 56.6414, 69.6614



56.2206, 56.6414, 66.7737

Triad

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



55.0128, 56.6414, 69.6614



55.5887, 56.6414, 55.1837



50.9853, 56.6414, 60.7422

Complementary

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



55.0128, 56.6414, 69.6614



59.9528, 64.3229, 62.0818

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.



51.5197, 56.6414, 56.8387



55.0128, 56.6414, 69.6614



54.1632, 56.6414, 53.7283

Square

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



55.0128, 56.6414, 69.6614



56.5575, 56.6414, 58.3869



52.6760, 56.6414, 54.3197



51.2032, 56.6414, 65.0799

Rectangle

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



55.0128, 56.6414, 69.6614



56.6865, 56.6414, 64.0678



52.6760, 56.6414, 54.3197



51.0826, 56.6414, 59.3383

Sweetspot

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



55.0145, 56.6438, 69.6626



91.7233, 95.9017, 108.2843



57.8486, 62.7010, 70.6824



19.6674, 20.5698, 23.1837



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.



55.0145, 56.6438, 69.6626



82.2536, 84.2498, 106.5344



56.8845, 57.6079, 69.7502



11.2406, 11.4573, 14.8627



7.2473, 2.9164, 37.3734



0.4331, 0.1775, 2.0910

Inverse Universe

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



58.4651, 58.4370, 69.1737



88.6508, 87.5746, 105.6172



58.0208, 63.3269, 61.9914



12.2729, 11.9939, 14.7131



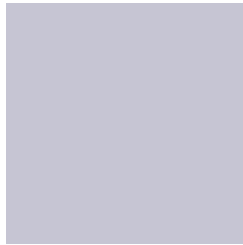
22.2397, 10.7687, 32.4979



1.2546, 0.6066, 1.8757

Previews

White Background



This preview shows how the XYZ color 55.0128, 56.6414, 69.6614 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 55.0128, 56.6414, 69.6614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

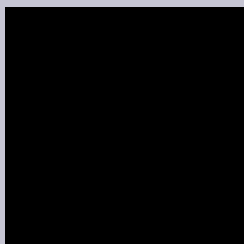
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0128, 56.6414, 69.6614

Background



This preview shows how black text looks on a background with the XYZ color 55.0128, 56.6414, 69.6614.

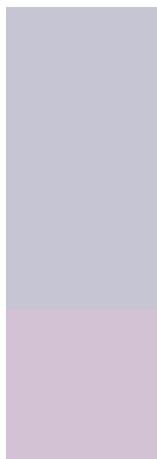


This preview shows how white text looks on a background with the XYZ color 55.0128, 56.6414,

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

55.0128, 56.6414, 69.6614

Protanopia

55.0128, 56.6414, 69.6614

Deuteranopia

57.8176, 56.7423, 70.1924



Tritanopia

55.1386, 56.6917, 70.3238

Trichromacy



Original Color

55.0128, 56.6414, 69.6614

Protanomaly

55.0128, 56.6414, 69.6614

Deuteranomaly

56.6291, 56.4589, 70.2003

Tritanomaly

55.1386, 56.6917, 70.3238

Monochromacy



Original Color

55.0128, 56.6414, 69.6614

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5268, 56.8421, 64.5977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0128, 56.6414, 69.6614 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, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 211)  
}
```

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, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.0128, 56.6414, 69.6614 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, 197, 211) }
```


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

```
.border{ border-color:rgb(198, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0128, 56.6414, 69.6614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 211) }
```

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

```
.background{ background-color: rgb(198,  
197, 211) }
```

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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