

Converting Colors

XYZ(55.7226, 57.6370, 74.7413)

Have a look what the booklet for
XYZ(55.7226, 57.6370, 74.7413)
contains.

XYZ(55.5840, 57.5109, 74.5008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5840, 57.5109,
74.5008)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C7DA
RGB	195, 199, 218
RGB Percent	76%, 78%, 85%
CMY	0.2353, 0.2196, 0.1451
CMYK	0.11, 0.09, 0.00, 0.15
HSL	230°, 24%, 81%
HSV	230°, 11%, 85%
XYZ	55.5840, 57.5109, 74.5008
YIQ	199.9700, -8.4830, 5.0610

Conversions

Conversions Part 2

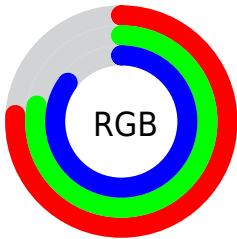
Format	Color
R _Y B	195, 198, 218
Decimal	12830682
CIE Lab	80.47, 2.32, -9.92
CIE LCh	80, 10.185, 283.189
Yxy	57.5109, 0.2963, 0.3066
Android (android.graphics.Color)	4291020762 (0xFFC3C7DA)
YUV	199.9700, 8.8888, -4.3587
Hunter-Lab	75.8359, -1.8812, -5.1610

Details

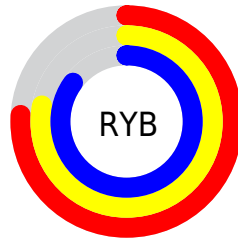
The XYZ color **55.5840, 57.5109, 74.5008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8106, 66.9383, 61.2408**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.7208, 28.5579, 38.7015** is the 20% darker color. If you saturate the color by 10%, you get **46.4568, 47.0163, 72.9571**, and if you desaturate by 10%, it is **66.0272, 69.4147, 76.2489**.

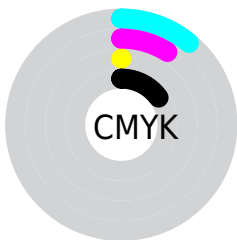
Distribution



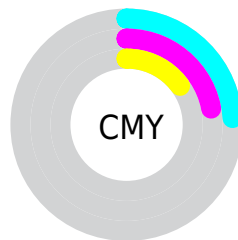
- Red (76%)
- Green (78%)
- Blue (85%)



- Red (76%)
- Yellow (78%)
- Blue (85%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5840, 57.5109, 74.5008 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 55.5840, 57.5109, 74.5008 by changing the saturation by 10% instead.

■ 55.5840, 57.5109,
74.5008

■ 55.5840, 57.5109,
74.5008

398.2224,
415.3610, 495.4096

■ 40.1052, 41.4156,
54.7048

97.5394, 101.2103,
127.3461

■ 27.8051, 28.6439,
38.7684

124.7467,
129.5831, 161.2324

■ 18.3185, 18.8116,
26.2731

156.5943,
162.8172, 200.6525

■ 11.2800, 11.5342,
16.8005

193.4473,
201.2970, 246.0250

■ 6.3242, 6.4274,
9.9319

235.6713,
245.4069, 297.7684

■ 3.0857, 3.1067,
5.2488

283.6316,

■ 1.1992, 1.1877,

295.5313, 356.3013

2.3327

337.6935,
352.0545, 422.0422

■ 0.1058, 0.0516,
0.7494

■ 0.0000, 0.0000,
0.0000

■ 55.5840, 57.5109,
74.5008

■ 55.5840, 57.5109,
74.5008

■ 46.4568, 47.0163,
72.9571

■ 66.0272, 69.4147,
76.2489

■ 38.5880, 37.8714,
71.6067

■ 77.8307, 82.7700,
78.2047

■ 31.9232, 30.0228,
70.4430

■ 89.0277, 96.5873,
80.2815

■ 26.4020, 23.4112,
69.4579

■ 89.6551, 97.8420,
80.4906

■ 21.9587, 17.9721,
68.6422

■ 18.5208, 13.6353,
67.9863

■ 16.0064, 10.3227,
67.4794

■ 14.3200, 7.9452,
67.1094

■ 13.3462, 6.4443,
66.8710

Harmonies

Analogous

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



53.5089, 57.5109, 74.2897



55.5840, 57.5109, 74.5008



57.4578, 57.5109, 71.3869

Triad

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



55.5840, 57.5109, 74.5008



57.6436, 57.5109, 55.0718



50.9068, 57.5109, 59.3512

Complementary

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



55.5840, 57.5109, 74.5008



62.8106, 66.9383, 61.2408

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.



51.9591, 57.5109, 54.6012



55.5840, 57.5109, 74.5008



55.8323, 57.5109, 52.2405

Square

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



55.5840, 57.5109, 74.5008



58.6672, 57.5109, 60.0314



53.7510, 57.5109, 52.0739



50.8441, 57.5109, 65.2812

Rectangle

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



55.5840, 57.5109, 74.5008



58.3263, 57.5109, 67.9529



53.7510, 57.5109, 52.0739



51.1552, 57.5109, 57.5729

Sweetspot

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



55.5857, 57.5133, 74.5021



90.3086, 94.6124, 108.1100



59.6880, 66.5899, 73.1815



19.0649, 19.9496, 23.0958



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.



55.5857, 57.5133, 74.5021



75.7670, 78.0034, 105.6705



56.6049, 56.6895, 74.2893



12.5210, 12.9817, 16.4979



8.0504, 3.9702, 40.0804



0.5779, 0.3699, 2.6154

Inverse Universe

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



58.7387, 58.0604, 62.1465



81.2722, 79.0032, 84.0875



61.7056, 67.8910, 61.4829



13.1481, 13.0883, 14.0410



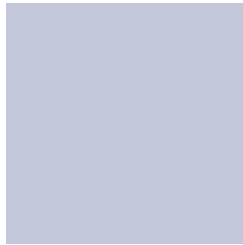
17.5588, 9.0246, 2.0566



1.1660, 0.5960, 0.2830

Previews

White Background



This preview shows how the XYZ color 55.5840, 57.5109, 74.5008 looks on a white background.

Color Contrast Check

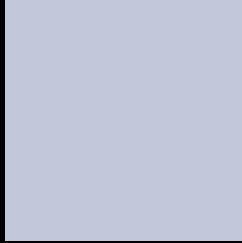
Large Text (above 18pt) WCAG AA × Fail

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 55.5840, 57.5109, 74.5008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

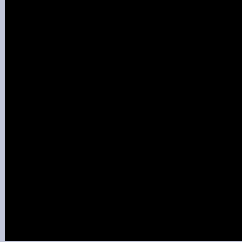
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5840, 57.5109, 74.5008

Background



This preview shows how black text looks on a background with the XYZ color 55.5840, 57.5109, 74.5008.

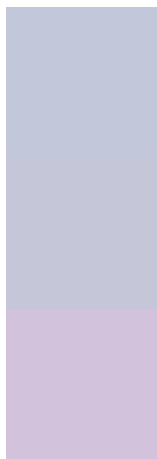


This preview shows how white text looks on a background with the XYZ color 55.5840, 57.5109,

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

55.5840, 57.5109, 74.5008

Protanopia

56.0072, 57.4037, 73.7738

Deuteranopia

58.6563, 57.3997, 75.0056



Tritanopia

55.1948, 57.3552, 72.4516

Trichromacy



Original Color

55.5840, 57.5109, 74.5008

Protanomaly

55.7444, 57.2682, 73.7615

Deuteranomaly

57.7029, 57.5735, 75.0894

Tritanomaly

55.3238, 57.4068, 73.1305

Monochromacy



Original Color

55.5840, 57.5109, 74.5008

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2055, 57.8193, 67.2821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5840, 57.5109, 74.5008 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(195, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 218)  
}
```

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(195, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.5840, 57.5109, 74.5008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

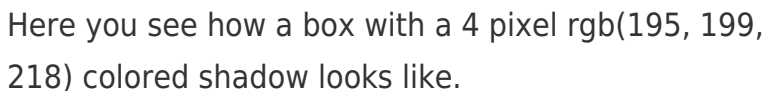
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 199, 218) }
```


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

```
.border{ border-color:rgb(195, 199, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 199, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 199, 218); box-shadow:4px 4px 4px 4px rgb(195, 199, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5840, 57.5109, 74.5008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 218) }
```

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

```
.background{ background-color: rgb(195,  
199, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor