

Converting Colors

XYZ(55.3862, 58.8900, 74.3086)

Have a look what the booklet for
XYZ(55.3862, 58.8900, 74.3086)
contains.

XYZ(55.3662, 58.7980, 74.0767)	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(55.3662, 58.7980,
74.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCBD9
RGB	191, 203, 217
RGB Percent	75%, 80%, 85%
CMY	0.2510, 0.2039, 0.1490
CMYK	0.12, 0.06, 0.00, 0.15
HSL	212°, 25%, 80%
HSV	212°, 12%, 85%
XYZ	55.3662, 58.7980, 74.0767
YIQ	201.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

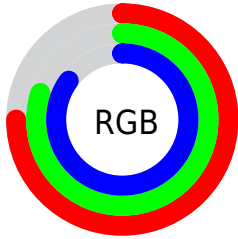
Format	Color
R_{YB}	191, 199, 217
Decimal	12569561
CIELab	81.18, -1.30, -8.35
CIElCh	81, 8.450, 261.136
Yxy	58.7980, 0.2941, 0.3124
Android (android.graphics.Color)	4290759641 (0xFFBFCBD9)
YUV	201.0080, 7.8841, -8.7770
Hunter-Lab	76.6799, -5.3050, -3.6013

Details

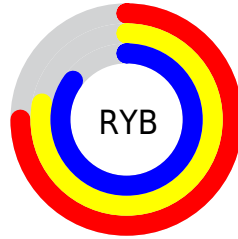
The XYZ color **55.3662, 58.7980, 74.0767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8509, 62.1757, 58.1380**, and the grayscale version is **55.4816, 58.3710, 63.5660**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.5856, 29.4219, 38.4075** is the 20% darker color. If you saturate the color by 10%, you get **47.6527, 50.8805, 72.9559**, and if you desaturate by 10%, it is **64.0996, 67.5530, 75.3072**.

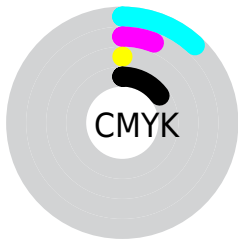
Distribution



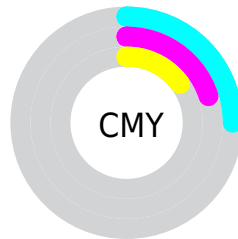
- Red (75%)
- Green (80%)
- Blue (85%)



- Red (75%)
- Yellow (78%)
- Blue (85%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3662, 58.7980, 74.0767 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 55.3662, 58.7980, 74.0767 by changing the saturation by 10% instead.

■ 55.3662, 58.7980,
74.0767

■ 55.3662, 58.7980,
74.0767

397.4124,
420.1529, 493.9085

■ 39.9300, 42.4505,
54.3597

■ 97.2225, 103.0840,
126.7396

■ 27.6679, 29.4542,
38.4941

124.3733,
131.7914, 160.5225

■ 18.2147, 19.4247,
26.0616

156.1596,
165.3875, 199.8311

■ 11.2048, 11.9776,
16.6436

192.9469,
204.2567, 245.0839

■ 6.2731, 6.7284,
9.8214

235.1005,
248.7835, 296.6996

■ 3.0541, 3.2928,
5.1767

282.9857,

■ 1.1824, 1.2865,

299.3522, 355.0965

2.2907

336.9679,
356.3472, 420.6933

■ 0.0924, 0.1307,
0.7260

■ 0.0000, 0.0000,
0.0000

■ 55.3662, 58.7980,
74.0767

■ 55.3662, 58.7980,
74.0767

■ 47.6527, 50.8805,
72.9559

■ 64.0996, 67.5530,
75.3072

■ 40.9140, 43.7659,
71.9379

■ 73.8854, 77.1642,
76.6466

■ 35.1090, 37.4275,
71.0204

■ 84.3541, 87.4489,
78.0800

■ 30.1916, 31.8343,
70.2000

■ 87.8676, 94.4758,
79.2511

■ 26.1113, 26.9528,
69.4728

■ 89.5246, 97.7898,
79.8035

■ 22.8121, 22.7462,
68.8347

■ 20.2302, 19.1734,
68.2812

■ 18.2900, 16.1868,
67.8070

■ 17.0988, 14.1583,
67.4782

Harmonies

Analogous

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



53.7902, 58.7980, 71.8634



55.3662, 58.7980, 74.0767



57.1142, 58.7980, 73.4875

Triad

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



55.3662, 58.7980, 74.0767



59.1002, 58.7980, 60.5913



53.2933, 58.7980, 58.1333

Complementary

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



55.3662, 58.7980, 74.0767



59.8509, 62.1757, 58.1380

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.



54.6750, 58.7980, 55.4045



55.3662, 58.7980, 74.0767



58.0350, 58.7980, 56.7710

Square

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



55.3662, 58.7980, 74.0767



59.2946, 58.7980, 65.5252



56.4085, 58.7980, 54.9192



52.6100, 58.7980, 62.5401

Rectangle

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



55.3662, 58.7980, 74.0767



58.1404, 58.7980, 71.5970



56.4085, 58.7980, 54.9192



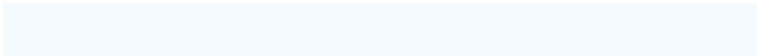
53.6901, 58.7980, 56.9993

Sweetspot

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



55.3679, 58.8005, 74.0780



89.6696, 94.6628, 108.1534



57.3031, 65.1045, 67.2205



18.9823, 20.0517, 23.1198



0.0000, 0.0000, 0.0000



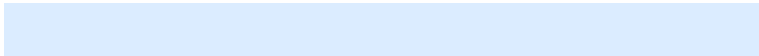
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3679, 58.8005, 74.0780



77.2861, 82.1914, 106.3988



52.8608, 53.4616, 73.1797



12.8316, 13.6029, 16.6015



10.4539, 8.7772, 40.8816



0.7628, 0.7398, 2.6770

Inverse Universe

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



58.0270, 56.3264, 64.3165



81.7583, 78.1231, 89.9601



62.5761, 68.0076, 59.1200



13.3048, 13.1510, 14.8666



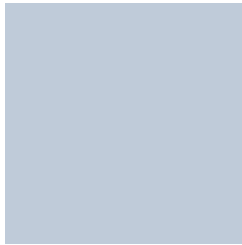
18.7720, 9.5098, 8.4452



1.2593, 0.6334, 0.7746

Previews

White Background



This preview shows how the XYZ color 55.3662, 58.7980, 74.0767 looks on a white background.

Color Contrast Check

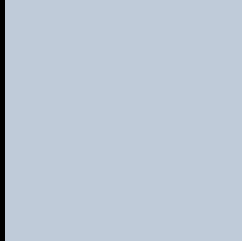
Large Text (above 18pt) WCAG AA × Fail

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 55.3662, 58.7980, 74.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

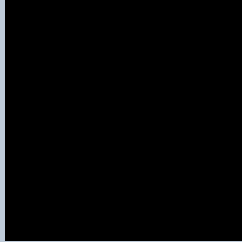
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

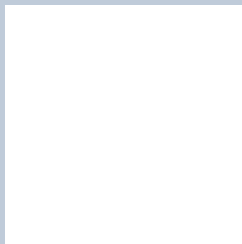
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3662, 58.7980, 74.0767

Background



This preview shows how black text looks on a background with the XYZ color 55.3662, 58.7980, 74.0767.

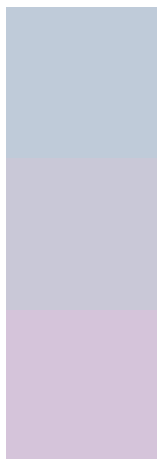


This preview shows how white text looks on a background with the XYZ color 55.3662, 58.7980,

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

55.3662, 58.7980, 74.0767

Protanopia

57.0074, 58.6324, 72.6025

Deuteranopia

59.8354, 58.6879, 74.5039



Tritanopia

55.6280, 58.9027, 75.4553

Trichromacy



Original Color

55.3662, 58.7980, 74.0767

Protanomaly

56.3073, 58.6015, 73.3093

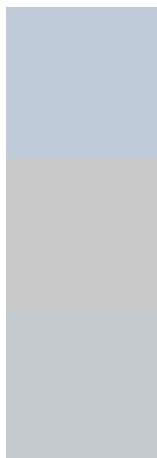
Deuteranomaly

58.2552, 58.8879, 74.6258

Tritanomaly

55.4967, 58.8502, 74.7639

Monochromacy



Original Color

55.3662, 58.7980, 74.0767

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4090, 58.6164, 67.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3662, 58.7980, 74.0767 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(191, 203, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 203, 217)  
}
```

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(191, 203, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 203, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.3662, 58.7980, 74.0767 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(191, 203, 217) }
```


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

```
.border{ border-color:rgb(191, 203, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 203, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 203, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 203, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 203,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3662, 58.7980, 74.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 203, 217) }
```

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

```
.background{ background-color: rgb(191,  
203, 217) }
```

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