

Converting Colors

XYZ(58.1062, 61.9918, 74.5487)

Have a look what the booklet for
XYZ(58.1062, 61.9918, 74.5487)
contains.

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Color

**XYZ(58.1062, 61.9918,
74.5487)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D0D9
RGB	197, 208, 217
RGB Percent	77%, 82%, 85%
CMY	0.2274, 0.1843, 0.1490
CMYK	0.09, 0.04, 0.00, 0.15
HSL	207°, 21%, 81%
HSV	207°, 9%, 85%
XYZ	58.1062, 61.9918, 74.5487
YIQ	205.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

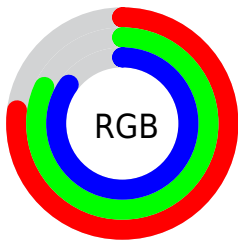
Format	Color
RYB	197, 204, 217
Decimal	12964057
CIELab	82.91, -1.98, -5.74
CIELCh	83, 6.072, 251.017
Yxy	61.9918, 0.2985, 0.3185
Android (android.graphics.Color)	4291154137 (0xFFC5D0D9)
YUV	205.7370, 5.5527, -7.6623
Hunter-Lab	78.7349, -6.0533, -1.0233

Details

The XYZ color **58.1062, 61.9918, 74.5487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7649, 62.9251, 61.7675**, and the grayscale version is **58.4695, 61.5145, 66.9893**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.4049, 31.5595, 38.7242** is the 20% darker color. If you saturate the color by 10%, you get **50.5212, 54.6581, 73.5339**, and if you desaturate by 10%, it is **66.6592, 70.0454, 75.6534**.

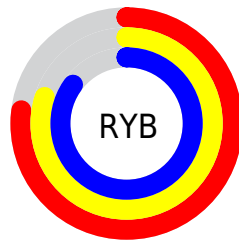
Distribution



Red (77%)

Green (82%)

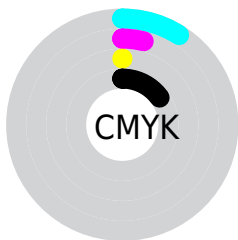
Blue (85%)



Red (77%)

Yellow (80%)

Blue (85%)

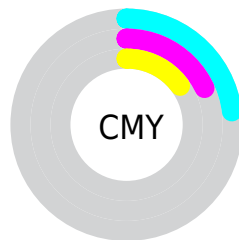


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (23%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1062, 61.9918, 74.5487 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 58.1062, 61.9918, 74.5487 by changing the saturation by 10% instead.

■ 58.1062, 61.9918,
74.5487

■ 58.1062, 61.9918,
74.5487

407.5290,
431.9012, 495.5789

■ 42.1376, 45.0261,
54.7437

101.1996,
107.7137, 127.4145

■ 29.4006, 31.4780,
38.7994

129.0551,
137.2386, 161.3125

■ 19.5299, 20.9631,
26.2971

161.6036,
171.7188, 200.7452

■ 12.1601, 13.0970,
16.8182

199.2105,
211.5385, 246.1312

■ 6.9258, 7.4954,
9.9444

242.2412,
257.0822, 297.8890

■ 3.4616, 3.7738,
5.2570

291.0609,

■ 1.4023, 1.5478,

308.7343, 356.4372

2.3375

346.0351,
366.8791, 422.1944

■ 0.2579, 0.3221,
0.7521

■ 0.0000, 0.0000,
0.0000

■ 58.1062, 61.9918,
74.5487

■ 58.1062, 61.9918,
74.5487

■ 50.5212, 54.6581,
73.5339

■ 66.6592, 70.0454,
75.6534

■ 43.8615, 48.0132,
72.6023

■ 76.2101, 78.8330,
76.8462

■ 38.0888, 42.0353,
71.7527

■ 84.1327, 87.0061,
78.0062

■ 33.1602, 36.6980,
70.9823

■ 87.0411, 92.8228,
78.9756

■ 29.0286, 31.9729,
70.2880

■ 89.5246, 97.7898,
79.8034

■ 25.6420, 27.8287,
69.6666

■ 22.9415, 24.2307,
69.1144

■ 20.8580, 21.1384,
68.6274

■ 19.2803, 18.4897,
68.1993

Harmonies

Analogous

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



57.0421, 61.9918, 72.3419



58.1062, 61.9918, 74.5487



59.4038, 61.9918, 74.8260

Triad

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



58.1062, 61.9918, 74.5487



61.4272, 61.9918, 66.1300



57.2845, 61.9918, 62.2032

Complementary

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



58.1062, 61.9918, 74.5487



60.7649, 62.9251, 61.7675

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.



58.4415, 61.9918, 60.6657



58.1062, 61.9918, 74.5487



60.8414, 61.9918, 62.8763

Square

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



58.1062, 61.9918, 74.5487



61.3342, 61.9918, 69.8712



59.7441, 61.9918, 60.9075



56.5726, 61.9918, 65.1802

Rectangle

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



58.1062, 61.9918, 74.5487



60.2282, 61.9918, 73.8682



59.7441, 61.9918, 60.9075



57.6336, 61.9918, 61.5060

Sweetspot

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



58.1080, 61.9944, 74.5501



91.2033, 96.4018, 108.4082



58.9399, 65.9371, 67.8021



19.3059, 20.4316, 23.1761



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.



58.1080, 61.9944, 74.5501



81.5787, 87.2746, 107.1538



55.8218, 57.4219, 73.7880



12.9295, 13.7988, 16.6341



11.7097, 11.2887, 41.3002



0.8442, 0.9026, 2.7042

Inverse Universe

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



59.9681, 59.2395, 67.9512



84.7799, 82.6046, 95.7813



63.1648, 67.7250, 62.5675



13.3543, 13.1708, 15.1270



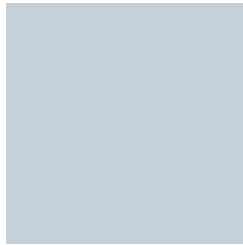
19.4058, 9.7634, 11.7830



1.3004, 0.6498, 0.9909

Previews

White Background



This preview shows how the XYZ color 58.1062, 61.9918, 74.5487 looks on a white background.

Color Contrast Check

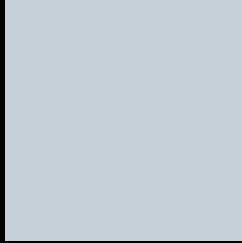
Large Text (above 18pt) WCAG AA × Fail

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 58.1062, 61.9918, 74.5487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

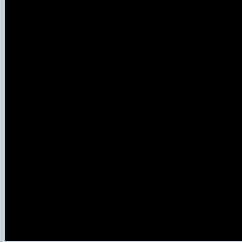
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

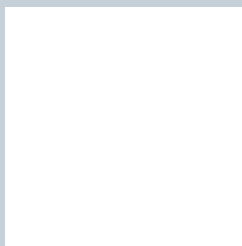
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1062, 61.9918, 74.5487

Background



This preview shows how black text looks on a background with the XYZ color 58.1062, 61.9918, 74.5487.

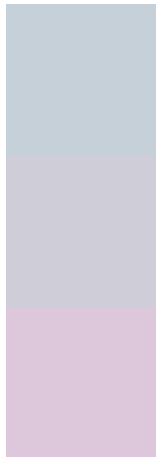


This preview shows how white text looks on a background with the XYZ color 58.1062, 61.9918,

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

58.1062, 61.9918, 74.5487

Protanopia

59.8292, 61.8343, 73.0719

Deuteranopia

63.2593, 61.7952, 75.6114



Tritanopia

58.9208, 61.9591, 78.6659

Trichromacy



Original Color

58.1062, 61.9918, 74.5487

Protanomaly

59.0946, 61.7970, 73.7791

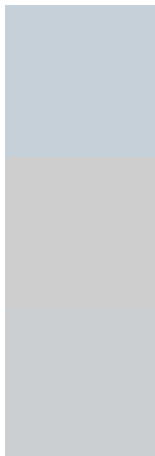
Deuteranomaly

61.1622, 61.7709, 75.0290

Tritanomaly

58.6527, 61.8519, 77.2539

Monochromacy



Original Color

58.1062, 61.9918, 74.5487

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5743, 61.9753, 69.8480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1062, 61.9918, 74.5487 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(197, 208, 217) looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 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(197, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.1062, 61.9918, 74.5487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

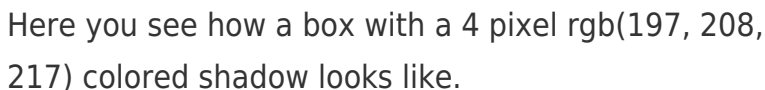
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 208, 217) }
```


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

```
.border{ border-color:rgb(197, 208, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1062, 61.9918, 74.5487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 217) }
```

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

```
.background{ background-color: rgb(197,  
208, 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](#).

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