

Converting Colors

XYZ(58.4449, 62.1622, 70.9743)

Have a look what the booklet for
XYZ(58.4449, 62.1622, 70.9743)
contains.

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Color

**XYZ(58.5269, 62.2827,
71.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D0D4
RGB	201, 208, 212
RGB Percent	79%, 82%, 83%
CMY	0.2118, 0.1843, 0.1686
CMYK	0.05, 0.02, 0.00, 0.17
HSL	202°, 11%, 81%
HSV	202°, 5%, 83%
XYZ	58.5269, 62.2827, 71.2244
YIQ	206.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

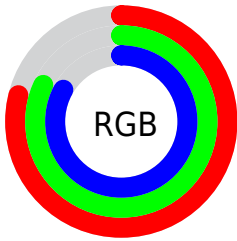
Format	Color
R _Y B	201, 205, 212
Decimal	13226196
CIE Lab	83.06, -1.62, -2.82
CIE LCh	83, 3.248, 240.094
Yxy	62.2827, 0.3048, 0.3243
Android (android.graphics.Color)	4291416276 (0xFFC9D0D4)
YUV	206.3630, 2.7790, -4.7034
Hunter-Lab	78.9194, -5.7327, 1.7346

Details

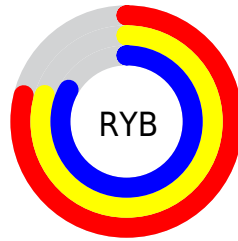
The XYZ color **58.5269, 62.2827, 71.2244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5254, 61.8761, 64.0652**, and the grayscale version is **58.8855, 61.9521, 67.4659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6740, 31.7486, 36.4624** is the 20% darker color. If you saturate the color by 10%, you get **51.3843, 55.8817, 70.3663**, and if you desaturate by 10%, it is **66.5508, 69.2770, 72.1525**.

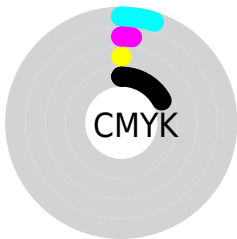
Distribution



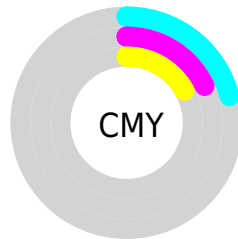
- Red (79%)
- Green (82%)
- Blue (83%)



- Red (79%)
- Yellow (80%)
- Blue (83%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5269, 62.2827, 71.2244 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 58.5269, 62.2827, 71.2244 by changing the saturation by 10% instead.

■ 58.5269, 62.2827,
71.2244

■ 58.5269, 62.2827,
71.2244

409.0687,
432.9615, 483.7423

■ 42.4773, 45.2612,
52.0424

101.8083,
108.1340, 122.6506

■ 29.6679, 31.6632,
36.6564

129.7708,
137.7326, 155.7319

■ 19.7335, 21.1044,
24.6479

162.4350,
172.2923, 194.2834

■ 12.3086, 13.2003,
15.5983

200.1663,
212.1975, 238.7236

■ 7.0279, 7.5666,
9.0891

243.3299,
257.8326, 289.4710

■ 3.5260, 3.8189,
4.7017

292.2913,

■ 1.4377, 1.5728,

309.5821, 346.9443

2.0177

347.4158,
367.8303, 411.5618

■ 0.2828, 0.3392,
0.5661

■ 0.0000, 0.0000,
0.0000

■ 58.5269, 62.2827,
71.2244

■ 58.5269, 62.2827,
71.2244

■ 51.3843, 55.8817,
70.3663

■ 66.5508, 69.2770,
72.1525

■ 45.0845, 50.0468,
69.5721

■ 75.4822, 76.8746,
73.1482

■ 39.5936, 44.7606,
68.8411

■ 81.7313, 83.2285,
74.0453

■ 34.8736, 40.0014,
68.1713

■ 83.9364, 87.6386,
74.7803

■ 30.8828, 35.7456,
67.5602

■ 86.2374, 92.2407,
75.5473

■ 27.5757, 31.9678,
67.0053

■ 88.6358, 97.0374,
76.3468

■ 24.9009, 28.6393,
66.5038

■ 88.8838, 97.5335,
76.4295

■ 22.7991, 25.7273,
66.0525

■ 21.1980, 23.1923,
65.6476

Harmonies

Analogous

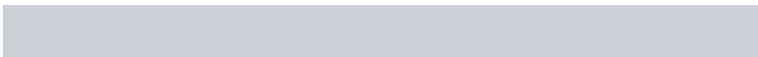
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0368, 62.2827, 69.7737



58.5269, 62.2827, 71.2244



59.2001, 62.2827, 71.7580

Triad

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



58.5269, 62.2827, 71.2244



60.5590, 62.2827, 67.8089



58.5231, 62.2827, 64.5229

Complementary

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



58.5269, 62.2827, 71.2244



59.5254, 61.8761, 64.0652

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.



59.1956, 62.2827, 64.0197



58.5269, 62.2827, 71.2244



60.3743, 62.2827, 65.8939

Square

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



58.5269, 62.2827, 71.2244



60.3765, 62.2827, 69.7624



59.8739, 62.2827, 64.5167



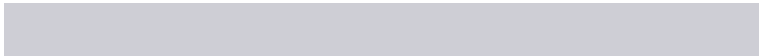
58.0346, 62.2827, 65.9047

Rectangle

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



58.5269, 62.2827, 71.2244



59.6631, 62.2827, 71.5137



59.8739, 62.2827, 64.5167



58.7350, 62.2827, 64.2466

Sweetspot

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



58.5287, 62.2853, 71.2258



92.6102, 97.8689, 108.6173



58.6332, 63.9060, 66.9084



19.8480, 20.9704, 23.2515



0.0000, 0.0000, 0.0000



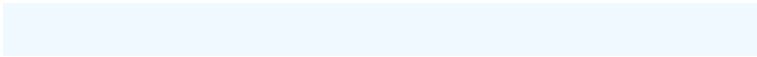
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5287, 62.2853, 71.2258



87.8956, 93.7171, 108.0644



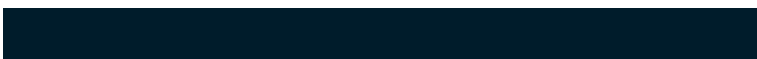
57.2454, 59.7187, 70.7980



12.8591, 13.7269, 15.9093



12.7810, 13.8239, 40.4478



0.8483, 0.9886, 2.4654

Inverse Universe

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



59.4245, 60.3255, 68.1896



89.4796, 90.2708, 102.6915



60.8280, 64.4813, 64.4994



13.1125, 13.1775, 15.0495



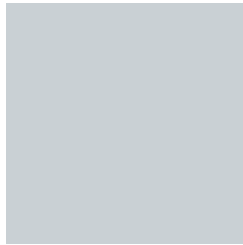
19.5101, 9.7404, 15.2563



1.2158, 0.6031, 1.1260

Previews

White Background



This preview shows how the XYZ color 58.5269, 62.2827, 71.2244 looks on a white background.

Color Contrast Check

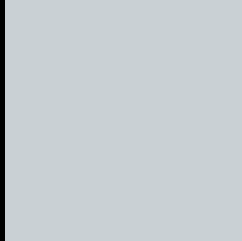
Large Text (above 18pt) WCAG AA × Fail

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 58.5269, 62.2827, 71.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

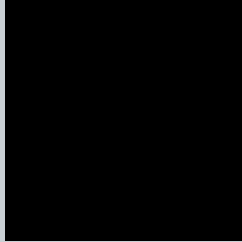
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

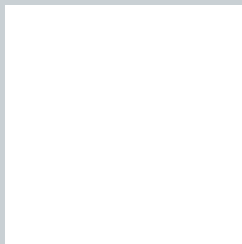
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5269, 62.2827, 71.2244

Background



This preview shows how black text looks on a background with the XYZ color 58.5269, 62.2827, 71.2244.

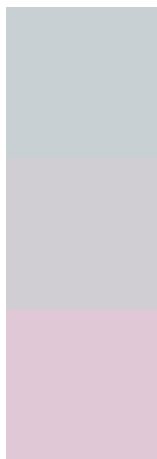


This preview shows how white text looks on a background with the XYZ color 58.5269, 62.2827,

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

58.5269, 62.2827, 71.2244

Protanopia

60.1237, 62.4011, 70.5038

Deuteranopia

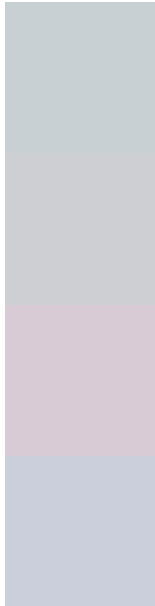
63.5323, 62.0109, 72.2391



Tritanopia

60.0192, 62.1668, 78.6481

Trichromacy



Original Color

58.5269, 62.2827, 71.2244

Protanomaly

59.5243, 62.4506, 70.5449

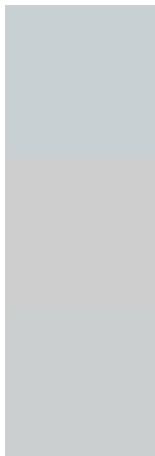
Deuteranomaly

61.6851, 62.1149, 71.6890

Tritanomaly

59.4561, 62.2967, 75.9086

Monochromacy



Original Color

58.5269, 62.2827, 71.2244

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5998, 62.0171, 68.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5269, 62.2827, 71.2244 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(201, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 212)  
}
```

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(201, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.5269, 62.2827, 71.2244 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(201, 208, 212) }
```


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

```
.border{ border-color:rgb(201, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5269, 62.2827, 71.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 212) }
```

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

```
.background{ background-color: rgb(201,  
208, 212) }
```

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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