

Converting Colors

XYZ(59.6325, 62.8241, 71.0394)

Have a look what the booklet for
XYZ(59.6325, 62.8241, 71.0394)
contains.

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Color

**XYZ(59.6164, 62.8444,
71.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD0D4
RGB	205, 208, 212
RGB Percent	80%, 82%, 83%
CMY	0.1961, 0.1843, 0.1686
CMYK	0.03, 0.02, 0.00, 0.17
HSL	214°, 8%, 82%
HSV	214°, 3%, 83%
XYZ	59.6164, 62.8444, 71.2754
YIQ	207.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

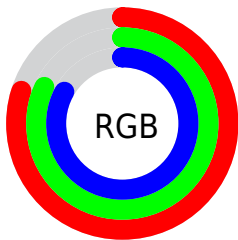
Format	Color
R _Y B	205, 207, 212
Decimal	13488340
CIE _{Lab}	83.36, -0.28, -2.34
CIE _{LCh}	83, 2.361, 263.292
Y _{xy}	62.8444, 0.3077, 0.3244
Android (android.graphics.Color)	4291678420 (0xFFCDD0D4)
Y _{UV}	207.5590, 2.1894, -2.2442
Hunter-Lab	79.2745, -4.4938, 2.1847

Details

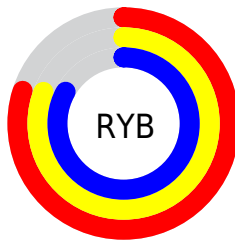
The XYZ color **59.6164, 62.8444, 71.2754** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9714, 64.0050, 66.8992**, and the grayscale version is **59.6581, 62.7650, 68.3510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4039, 32.1248, 36.4965** is the 20% darker color. If you saturate the color by 10%, you get **51.3211, 54.3547, 70.0749**, and if you desaturate by 10%, it is **68.9329, 72.1984, 72.5908**.

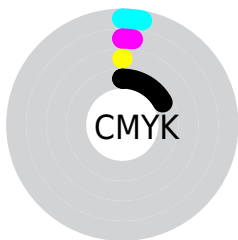
Distribution



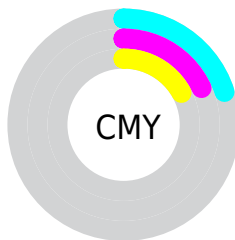
- Red (80%)
- Green (82%)
- Blue (83%)



- Red (80%)
- Yellow (81%)
- Blue (83%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6164, 62.8444, 71.2754 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 59.6164, 62.8444, 71.2754 by changing the saturation by 10% instead.

■ 59.6164, 62.8444,
71.2754

■ 59.6164, 62.8444,
71.2754

413.0398,
435.0046, 483.9252

■ 43.3578, 45.7153,
52.0838

103.3825,
108.9450, 122.7239

■ 30.3617, 32.0212,
36.6891

131.6207,
138.6853, 155.8178

■ 20.2627, 21.3777,
24.6730

164.5829,
173.3982, 194.3830

■ 12.6955, 13.4004,
15.6168

202.6343,
213.4680, 238.8378

■ 7.2948, 7.7048,
9.1020

246.1404,
259.2792, 289.6009

■ 3.6951, 3.9067,
4.7100

295.4664,

■ 1.5311, 1.6215,

311.2160, 347.0908

2.0224

350.9778,
369.6630, 411.7260

■ 0.3469, 0.3720,
0.5690

■ 0.0000, 0.0000,
0.0000

■ 59.6164, 62.8444,
71.2754

■ 59.6164, 62.8444,
71.2754

■ 51.3211, 54.3547,
70.0749

■ 68.9329, 72.1984,
72.5908

■ 44.0050, 46.6950,
68.9820

■ 79.2999, 82.4337,
74.0200

■ 37.6310, 39.8401,
67.9948

■ 85.5697, 90.9053,
75.3248

■ 32.1574, 33.7607,
67.1099

■ 88.8838, 97.5335,
76.4295

■ 27.5391, 28.4253,
66.3235

■ 23.7269, 23.7998,
65.6316

■ 20.6661, 19.8470,
65.0299

■ 18.2942, 16.5251,
64.5137

■ 16.5367, 13.7858,
64.0776

Harmonies

Analogous

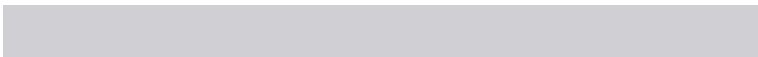
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.1432, 62.8444, 70.7202



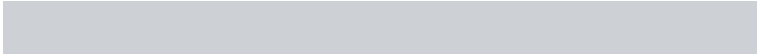
59.6164, 62.8444, 71.2754



60.1232, 62.8444, 71.0586

Triad

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



59.6164, 62.8444, 71.2754



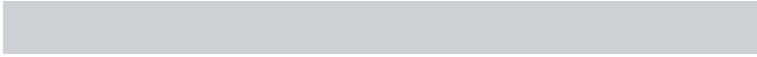
60.6437, 62.8444, 67.3142



58.9432, 62.8444, 66.7496

Complementary

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



59.6164, 62.8444, 71.2754



60.9714, 64.0050, 66.8992

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.



59.3419, 62.8444, 65.8610



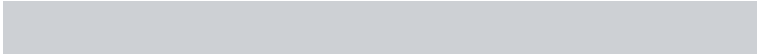
59.6164, 62.8444, 71.2754



60.3242, 62.8444, 66.1836

Square

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



59.6164, 62.8444, 71.2754



60.7182, 62.8444, 68.7579



59.8472, 62.8444, 65.6553



58.7559, 62.8444, 68.0969

Rectangle

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



59.6164, 62.8444, 71.2754



60.4117, 62.8444, 70.5069



59.8472, 62.8444, 65.6553



59.0569, 62.8444, 66.3881

Sweetspot

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



59.6182, 62.8471, 71.2768



93.6554, 98.5942, 108.7022



60.2258, 64.6689, 69.6090



20.0608, 21.1181, 23.2688



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

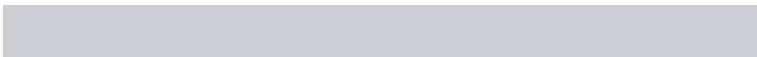
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6182, 62.8471, 71.2768



89.5667, 94.4571, 108.1191



59.0217, 61.4627, 71.0410



13.0644, 13.7828, 15.9093



9.7392, 7.7401, 39.4338



0.6687, 0.6293, 2.4055

Inverse Universe

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



60.3693, 62.2149, 68.5046



90.9584, 93.2944, 102.9806



61.5809, 65.4235, 67.1409



13.3026, 13.5850, 15.0291



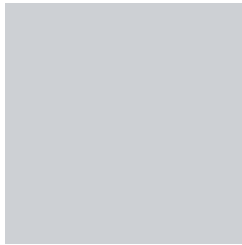
17.9747, 9.1262, 7.1711



1.1252, 0.5669, 0.6485

Previews

White Background



This preview shows how the XYZ color 59.6164, 62.8444, 71.2754 looks on a white background.

Color Contrast Check

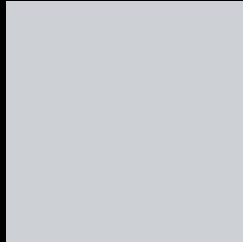
Large Text (above 18pt) WCAG AA × Fail

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 59.6164, 62.8444, 71.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

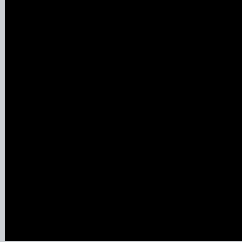
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

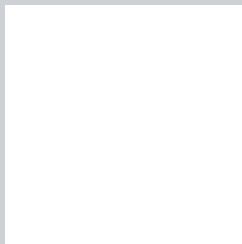
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6164, 62.8444, 71.2754

Background



This preview shows how black text looks on a background with the XYZ color 59.6164, 62.8444, 71.2754.

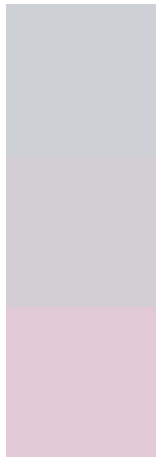


This preview shows how white text looks on a background with the XYZ color 59.6164, 62.8444,

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

59.6164, 62.8444, 71.2754

Protanopia

60.4075, 62.5474, 70.5171

Deuteranopia

63.9482, 62.5849, 71.6605



Tritanopia

61.1227, 62.7357, 78.6997

Trichromacy



Original Color

59.6164, 62.8444, 71.2754

Protanomaly

60.0831, 62.7387, 70.5711

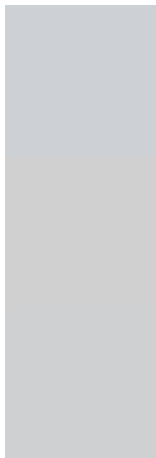
Deuteranomaly

62.5165, 62.8953, 71.7958

Tritanomaly

60.5526, 62.8619, 75.9599

Monochromacy



Original Color

59.6164, 62.8444, 71.2754

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7966, 62.9806, 69.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6164, 62.8444, 71.2754 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(205, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.6164, 62.8444, 71.2754 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(205, 208, 212) }
```


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

```
.border{ border-color:rgb(205, 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(205, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6164, 62.8444, 71.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 212) }
```

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

```
.background{ background-color: rgb(205,  
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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