

Converting Colors

XYZ(59.2741, 62.5324, 73.7997)

Have a look what the booklet for
XYZ(59.2741, 62.5324, 73.7997)
contains.

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Color

**XYZ(59.3077, 62.6262,
73.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD0D8
RGB	202, 208, 216
RGB Percent	79%, 82%, 85%
CMY	0.2078, 0.1843, 0.1529
CMYK	0.06, 0.04, 0.00, 0.15
HSL	214°, 15%, 82%
HSV	214°, 6%, 85%
XYZ	59.3077, 62.6262, 73.9280
YIQ	207.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

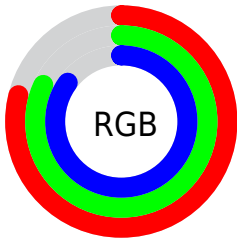
Format	Color
R _Y B	202, 206, 216
Decimal	13291736
CIE Lab	83.25, -0.52, -4.67
CIE LCh	83, 4.700, 263.654
Yxy	62.6262, 0.3028, 0.3197
Android (android.graphics.Color)	4291481816 (0xFFCAD0D8)
YUV	207.1180, 4.3788, -4.4885
Hunter-Lab	79.1367, -4.7154, 0.0081

Details

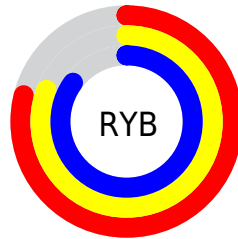
The XYZ color **59.3077, 62.6262, 73.9280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0264, 64.9559, 65.1468**, and the grayscale version is **59.3612, 62.4527, 68.0109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2014, 31.9803, 38.2992** is the 20% darker color. If you saturate the color by 10%, you get **50.9757, 54.0392, 72.7107**, and if you desaturate by 10%, it is **68.6954, 72.1083, 75.2644**.

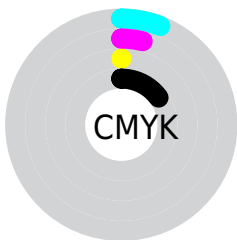
Distribution



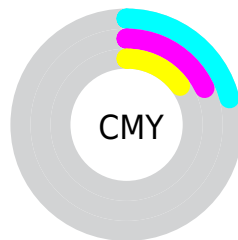
- Red (79%)
- Green (82%)
- Blue (85%)



- Red (79%)
- Yellow (81%)
- Blue (85%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3077, 62.6262, 73.9280 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 59.3077, 62.6262, 73.9280 by changing the saturation by 10% instead.

■ 59.3077, 62.6262,
73.9280

■ 59.3077, 62.6262,
73.9280

411.9170,
434.2116, 493.3816

■ 43.1082, 45.5389,
54.2387

102.9368,
108.6301, 126.5268

■ 30.1649, 31.8821,
38.3980

131.0971,
138.3154, 160.2734

■ 20.1125, 21.2715,
25.9875

163.9751,
172.9688, 199.5429

■ 12.5856, 13.3226,
16.5886

201.9360,
212.9748, 244.7537

■ 7.2188, 7.6510,
9.7828

245.3454,
258.7176, 296.3244

■ 3.6469, 3.8725,
5.1515

294.5684,

■ 1.5044, 1.6025,

310.5818, 354.6736

2.2761

349.9705,
368.9517, 420.2198

■ 0.3288, 0.3593,
0.7178

■ 0.0000, 0.0000,
0.0000

■ 59.3077, 62.6262,
73.9280

■ 59.3077, 62.6262,
73.9280

■ 50.9757, 54.0392,
72.7107

■ 68.6954, 72.1083,
75.2644

■ 43.6550, 46.3114,
71.6049

■ 79.1702, 82.5041,
76.7189

■ 37.3056, 39.4157,
70.6085

■ 86.2930, 91.5342,
78.0865

■ 31.8829, 33.3207,
69.7179

■ 89.3949, 97.7379,
79.1204

■ 27.3385, 27.9926,
68.9290

■ 23.6192, 23.3949,
68.2375

■ 20.6653, 19.4871,
67.6390

■ 18.4080, 16.2236,
67.1280

■ 16.7612, 13.5495,
66.6986

Harmonies

Analogous

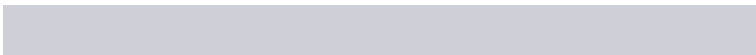
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3690, 62.6262, 72.8162



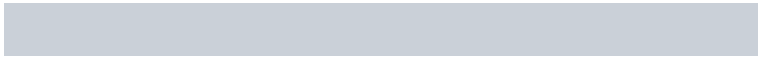
59.3077, 62.6262, 73.9280



60.3150, 62.6262, 73.4671

Triad

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



59.3077, 62.6262, 73.9280



61.3397, 62.6262, 65.9595



57.9579, 62.6262, 64.9128

Complementary

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



59.3077, 62.6262, 73.9280



62.0264, 64.9559, 65.1468

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.



58.7406, 62.6262, 63.1705



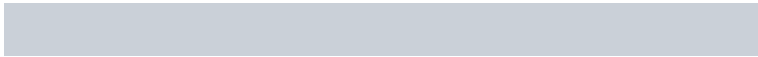
59.3077, 62.6262, 73.9280



60.6948, 62.6262, 63.7626

Square

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



59.3077, 62.6262, 73.9280



61.4958, 62.6262, 68.8123



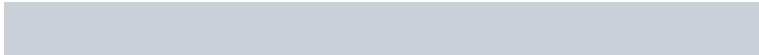
59.7415, 62.6262, 62.7555



57.5955, 62.6262, 67.5700

Rectangle

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



59.3077, 62.6262, 73.9280



60.8891, 62.6262, 72.3363



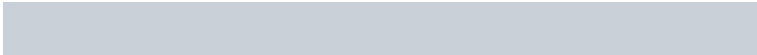
59.7415, 62.6262, 62.7555



58.1801, 62.6262, 64.2038

Sweetspot

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



59.3095, 62.6289, 73.9294



92.2762, 97.2009, 108.5059



60.5386, 66.3192, 70.5404



19.7800, 20.8344, 23.2289



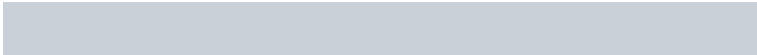
0.0000, 0.0000, 0.0000



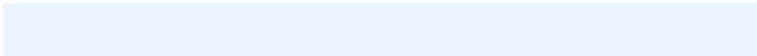
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3095, 62.6289, 73.9294



84.3337, 89.1235, 107.3654



58.1267, 59.8872, 73.4625



12.1761, 12.8756, 15.7810



9.7361, 7.7339, 39.4328



0.6685, 0.6289, 2.4055

Inverse Universe

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



60.8260, 61.3953, 68.3222



87.0641, 86.9399, 97.2617



63.2615, 67.8342, 65.6373



12.6421, 12.5083, 14.0554



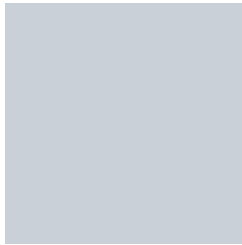
17.9732, 9.1256, 7.1628



1.1251, 0.5668, 0.6479

Previews

White Background



This preview shows how the XYZ color 59.3077, 62.6262, 73.9280 looks on a white background.

Color Contrast Check

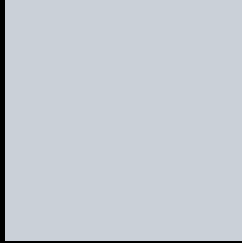
Large Text (above 18pt) WCAG AA × Fail

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 59.3077, 62.6262, 73.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

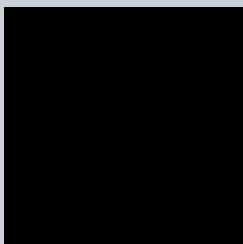
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

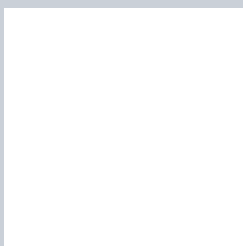
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3077, 62.6262, 73.9280

Background



This preview shows how black text looks on a background with the XYZ color 59.3077, 62.6262, 73.9280.



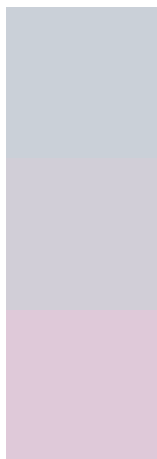
This preview shows how white text looks on a background with the XYZ color 59.3077, 62.6262,

73.9280.

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

59.3077, 62.6262, 73.9280

Protanopia

60.6315, 62.6042, 73.1782

Deuteranopia

63.8425, 62.4710, 74.3389



Tritanopia

60.2607, 62.6499, 78.7286

Trichromacy



Original Color

59.3077, 62.6262, 73.9280

Protanomaly

60.0322, 62.6538, 73.2193

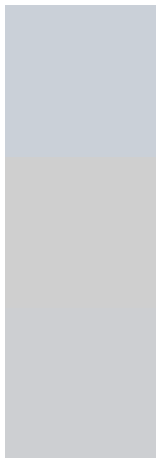
Deuteranomaly

62.1416, 62.6426, 74.4616

Tritanomaly

59.8597, 62.4895, 76.6169

Monochromacy



Original Color

59.3077, 62.6262, 73.9280

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1225, 62.2579, 69.8737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3077, 62.6262, 73.9280 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(202, 208, 216) looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 216)  
}
```

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(202, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.3077, 62.6262, 73.9280 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(202, 208, 216) }
```


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

```
.border{ border-color:rgb(202, 208, 216) }
```

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

Here you see how a box with a 4 pixel rgb(202, 208, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3077, 62.6262, 73.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 216) }
```

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

```
.background{ background-color: rgb(202,  
208, 216) }
```

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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