

Converting Colors

XYZ(59.6176, 62.6872, 76.2945)

Have a look what the booklet for
XYZ(59.6176, 62.6872, 76.2945)
contains.

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Color

**XYZ(59.6992, 62.7828,
75.9896)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD0DB
RGB	202, 208, 219
RGB Percent	79%, 82%, 86%
CMY	0.2078, 0.1843, 0.1412
CMYK	0.08, 0.05, 0.00, 0.14
HSL	219°, 19%, 83%
HSV	219°, 8%, 86%
XYZ	59.6992, 62.7828, 75.9896
YIQ	207.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

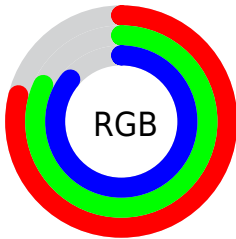
Format	Color
R _Y B	202, 206, 219
Decimal	13291739
CIE Lab	83.33, 0.06, -6.15
CIE LCh	83, 6.148, 270.580
Yxy	62.7828, 0.3008, 0.3163
Android (android.graphics.Color)	4291481819 (0xFFCAD0DB)
YUV	207.4600, 5.6892, -4.7884
Hunter-Lab	79.2356, -4.1734, -1.3962

Details

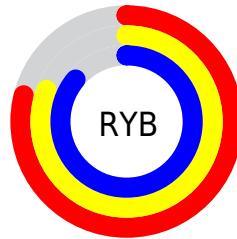
The XYZ color **59.6992, 62.7828, 75.9896** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6686, 66.9123, 65.4379**, and the grayscale version is **59.5741, 62.6766, 68.2548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4692, 32.0874, 39.7096** is the 20% darker color. If you saturate the color by 10%, you get **50.8882, 53.3416, 74.6326**, and if you desaturate by 10%, it is **69.6633, 73.2799, 77.4915**.

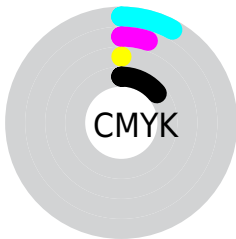
Distribution



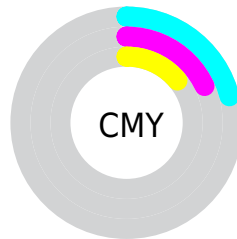
- Red (79%)
- Green (82%)
- Blue (86%)



- Red (79%)
- Yellow (81%)
- Blue (86%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6992, 62.7828, 75.9896 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 59.6992, 62.7828, 75.9896 by changing the saturation by 10% instead.

■ 59.6992, 62.7828,
75.9896

■ 59.6992, 62.7828,
75.9896

413.3407,
434.7808, 500.6580

■ 43.4248, 45.6655,
55.9174

103.5020,
108.8561, 129.4722

■ 30.4145, 31.9820,
39.7331

131.7611,
138.5809, 163.7196

■ 20.3030, 21.3477,
27.0183

164.7458,
173.2770, 203.5291

■ 12.7251, 13.3784,
17.3544

202.8215,
213.3288, 249.3194

■ 7.3152, 7.6896,
10.3229

246.3534,
259.1207, 301.5088

■ 3.7081, 3.8970,
5.5052

295.7070,

■ 1.5383, 1.6161,

311.0370, 360.5161

2.4827

351.2477,
369.4623, 426.7596

■ 0.3517, 0.3684,
0.8310

■ 0.0000, 0.0000,
0.0000

■ 59.6992, 62.7828,
75.9896

■ 59.6992, 62.7828,
75.9896

■ 50.8882, 53.3416,
74.6326

■ 69.6633, 73.2799,
77.4915

■ 43.1816, 44.9142,
73.4121

■ 80.8159, 84.8574,
79.1384

■ 36.5351, 37.4668,
72.3250

■ 88.3690, 95.0599,
80.7096

■ 30.8992, 30.9612,
71.3663

■ 89.7864, 97.8945,
81.1821

■ 26.2203, 25.3559,
70.5310

■ 22.4393, 20.6063,
69.8135

■ 19.4900, 16.6629,
69.2078

■ 17.2958, 13.4702,
68.7072

■ 15.7535, 10.9577,
68.3035

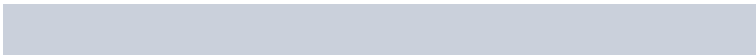
Harmonies

Analogous

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



58.4192, 62.7828, 74.9757



59.6992, 62.7828, 75.9896



60.9906, 62.7828, 74.8964

Triad

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



59.6992, 62.7828, 75.9896



61.9139, 62.7828, 64.6821



57.4617, 62.7828, 64.8066

Complementary

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



59.6992, 62.7828, 75.9896



63.6686, 66.9123, 65.4379

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.



58.3748, 62.7828, 62.2150



59.6992, 62.7828, 75.9896



60.9449, 62.7828, 62.1450

Square

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



59.6992, 62.7828, 75.9896



62.2810, 62.7828, 68.2853



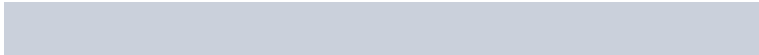
59.6471, 62.7828, 61.2586



57.1392, 62.7828, 68.4344

Rectangle

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



59.6992, 62.7828, 75.9896



61.6813, 62.7828, 73.1425



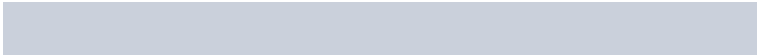
59.6471, 62.7828, 61.2586



57.7091, 62.7828, 63.7903

Sweetspot

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



59.7010, 62.7855, 75.9910



92.1551, 96.9586, 108.4655



61.6703, 68.0129, 72.6741



19.7553, 20.7851, 23.2207



0.0000, 0.0000, 0.0000



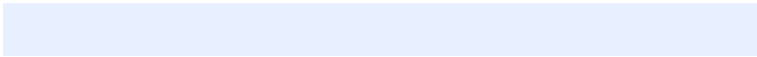
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7010, 62.7855, 75.9910



82.5505, 86.7952, 107.0100



58.8828, 60.2318, 75.5412



12.7130, 13.3657, 16.5619



9.2628, 6.3950, 40.4845



0.6796, 0.5733, 2.6493

Inverse Universe

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



61.7205, 61.8565, 68.3641



85.8618, 85.3018, 94.4977



64.5292, 69.6392, 65.9189



13.2450, 13.1271, 14.5514



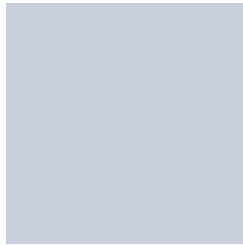
18.1707, 9.2693, 5.2792



1.2173, 0.6166, 0.5533

Previews

White Background



This preview shows how the XYZ color 59.6992, 62.7828, 75.9896 looks on a white background.

Color Contrast Check

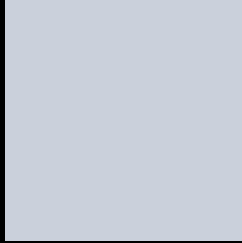
Large Text (above 18pt) WCAG AA × Fail

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 59.6992, 62.7828, 75.9896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

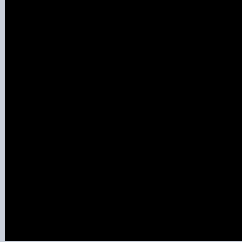
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

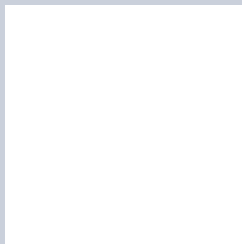
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6992, 62.7828, 75.9896

Background



This preview shows how black text looks on a background with the XYZ color 59.6992, 62.7828, 75.9896.

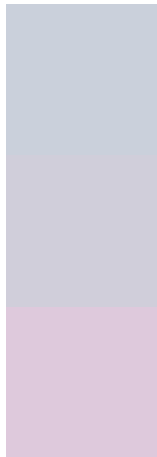


This preview shows how white text looks on a background with the XYZ color 59.6992, 62.7828,

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

59.6992, 62.7828, 75.9896

Protanopia

60.7386, 62.6145, 75.2142

Deuteranopia

63.9291, 62.4702, 76.3987



Tritanopia

60.3960, 62.7040, 79.4409

Trichromacy



Original Color

59.6992, 62.7828, 75.9896

Protanomaly

60.4213, 62.8094, 75.2686

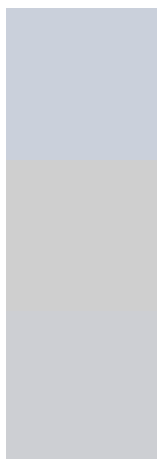
Deuteranomaly

62.5355, 62.8001, 76.5358

Tritanomaly

60.1262, 62.5961, 78.0205

Monochromacy



Original Color

59.6992, 62.7828, 75.9896

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2475, 62.3079, 70.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6992, 62.7828, 75.9896 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.6992, 62.7828, 75.9896 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, 219) }
```


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

```
.border{ border-color:rgb(202, 208, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 208, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 208, 219); box-shadow:4px 4px 4px 4px rgb(202, 208, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6992, 62.7828, 75.9896 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, 219) }
```

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

```
.background{ background-color: rgb(202,  
208, 219) }
```

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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