

Converting Colors

XYZ(59.2661, 62.8184, 76.3305)

Have a look what the booklet for
XYZ(59.2661, 62.8184, 76.3305)
contains.

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Color

**XYZ(59.4061, 62.9948,
76.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D1DB
RGB	200, 209, 219
RGB Percent	78%, 82%, 86%
CMY	0.2157, 0.1804, 0.1412
CMYK	0.09, 0.05, 0.00, 0.14
HSL	212°, 21%, 82%
HSV	212°, 9%, 86%
XYZ	59.4061, 62.9948, 76.0460
YIQ	207.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

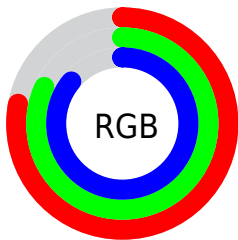
Format	Color
R _Y B	200, 206, 219
Decimal	13160923
CIE Lab	83.44, -1.12, -6.00
CIE LCh	83, 6.103, 259.416
Yxy	62.9948, 0.2994, 0.3174
Android (android.graphics.Color)	4291351003 (0xFFC8D1DB)
YUV	207.4490, 5.6946, -6.5328
Hunter-Lab	79.3693, -5.2930, -1.2490

Details

The XYZ color **59.4061, 62.9948, 76.0460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6856, 65.3229, 63.9494**, and the grayscale version is **59.5677, 62.6698, 68.2474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2762, 32.2340, 39.7480** is the 20% darker color. If you saturate the color by 10%, you get **51.2457, 54.7433, 74.8844**, and if you desaturate by 10%, it is **68.6125, 72.0924, 77.3178**.

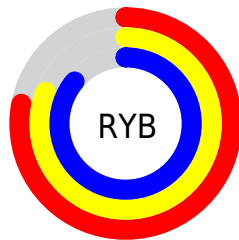
Distribution



Red (78%)

Green (82%)

Blue (86%)



Red (78%)

Yellow (81%)

Blue (86%)

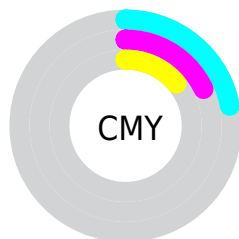


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4061, 62.9948, 76.0460 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 59.4061, 62.9948, 76.0460 by changing the saturation by 10% instead.

■ 59.4061, 62.9948,
76.0460

■ 59.4061, 62.9948,
76.0460

412.2751,
435.5506, 500.8562

■ 43.1877, 45.8370,
55.9633

103.0789,
109.1620, 129.5526

■ 30.2276, 32.1172,
39.7697

131.2641,
138.9402, 163.8136

■ 20.1603, 21.4510,
27.0466

164.1689,
173.6940, 203.6379

■ 12.6206, 13.4541,
17.3755

202.1587,
213.8078, 249.4439

■ 7.2430, 7.7420,
10.3378

245.5989,
259.6659, 301.6502

■ 3.6622, 3.9303,
5.5150

294.8548,

■ 1.5129, 1.6346,

311.6529, 360.6753

2.4885

350.2917,
370.1530, 426.9378

■ 0.3346, 0.3808,
0.8341

■ 0.0000, 0.0000,
0.0000

■ 59.4061, 62.9948,
76.0460

■ 59.4061, 62.9948,
76.0460

■ 51.2457, 54.7433,
74.8844

■ 68.6125, 72.0924,
77.3178

■ 44.0860, 47.3033,
73.8257

■ 78.8968, 82.0538,
78.6985

■ 37.8865, 40.6487,
72.8680

■ 86.2487, 90.8193,
80.0029

■ 32.6015, 34.7494,
72.0078

■ 89.7864, 97.8945,
81.1821

■ 28.1814, 29.5727,
71.2416

■ 24.5712, 25.0829,
70.5652

■ 21.7092, 21.2404,
69.9744

■ 19.5230, 18.0000,
69.4642

■ 17.9049, 15.2976,
69.0279

Harmonies

Analogous

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



58.2261, 62.9948, 74.3054



59.4061, 62.9948, 76.0460



60.7289, 62.9948, 75.7337

Triad

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



59.4061, 62.9948, 76.0460



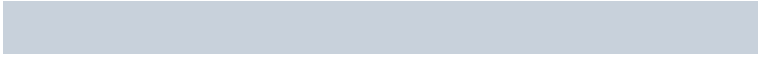
62.3195, 62.9948, 66.1843



57.9531, 62.9948, 63.9347

Complementary

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



59.4061, 62.9948, 76.0460



62.6856, 65.3229, 63.9494

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.



59.0284, 62.9948, 61.9115



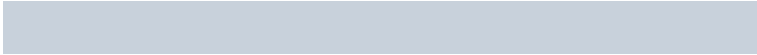
59.4061, 62.9948, 76.0460



61.5541, 62.9948, 63.1766

Square

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



59.4061, 62.9948, 76.0460



62.4242, 62.9948, 69.9449



60.3457, 62.9948, 61.6392



57.3955, 62.9948, 67.2539

Rectangle

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



59.4061, 62.9948, 76.0460



61.5134, 62.9948, 74.4067



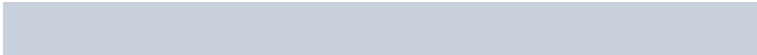
60.3457, 62.9948, 61.6392



58.2653, 62.9948, 63.0858

Sweetspot

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



59.4079, 62.9975, 76.0474



91.0207, 96.0366, 108.3473



60.7620, 67.5875, 70.6973



19.2567, 20.3331, 23.1597



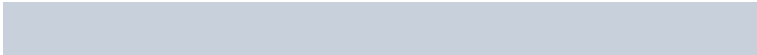
0.0000, 0.0000, 0.0000



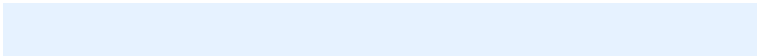
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4079, 62.9975, 76.0474



82.1511, 87.2168, 107.1124



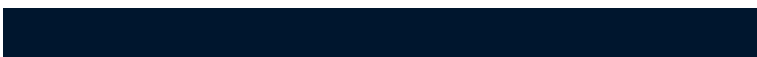
57.3457, 58.7472, 75.3357



12.8450, 13.6298, 16.6059



10.6114, 9.0922, 40.9341



0.7733, 0.7608, 2.6805

Inverse Universe

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



61.3778, 60.9734, 68.8588



85.3623, 83.9615, 95.3837



64.8761, 69.8452, 64.7069



13.3116, 13.1538, 14.9023



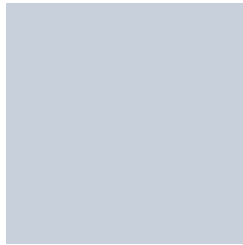
18.8515, 9.5416, 8.8639



1.2646, 0.6355, 0.8025

Previews

White Background



This preview shows how the XYZ color 59.4061, 62.9948, 76.0460 looks on a white background.

Color Contrast Check

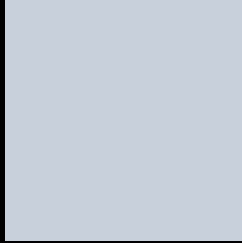
Large Text (above 18pt) WCAG AA × Fail

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 59.4061, 62.9948, 76.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

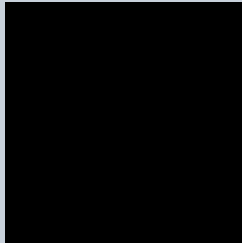
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

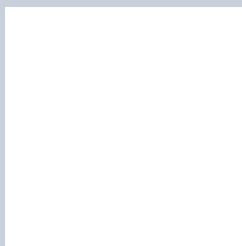
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4061, 62.9948, 76.0460

Background



This preview shows how black text looks on a background with the XYZ color 59.4061, 62.9948, 76.0460.

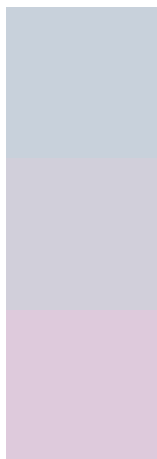


This preview shows how white text looks on a background with the XYZ color 59.4061, 62.9948,

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

59.4061, 62.9948, 76.0460

Protanopia

61.2622, 63.2429, 75.3079

Deuteranopia

64.1630, 62.9380, 76.4766



Tritanopia

60.2339, 62.9655, 80.2131

Trichromacy



Original Color

59.4061, 62.9948, 76.0460

Protanomaly

60.6644, 63.2955, 75.3496

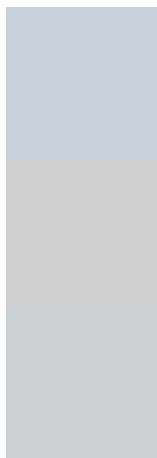
Deuteranomaly

62.4811, 63.1261, 76.6016

Tritanomaly

59.9626, 62.8570, 78.7843

Monochromacy



Original Color

59.4061, 62.9948, 76.0460

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2156, 62.6523, 70.6001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4061, 62.9948, 76.0460 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(200, 209, 219) looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 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(200, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.4061, 62.9948, 76.0460 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(200, 209, 219) }
```


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

```
.border{ border-color:rgb(200, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4061, 62.9948, 76.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 219) }
```

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

```
.background{ background-color: rgb(200,  
209, 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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