

Converting Colors

XYZ(61.7546, 64.2928, 86.3273)

Have a look what the booklet for
XYZ(61.7546, 64.2928, 86.3273)
contains.

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Color

**XYZ(61.8420, 64.3939,
86.2606)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D2E9
RGB	201, 210, 233
RGB Percent	79%, 82%, 91%
CMY	0.2118, 0.1765, 0.0863
CMYK	0.14, 0.10, 0.00, 0.09
HSL	223°, 42%, 85%
HSV	223°, 14%, 91%
XYZ	61.8420, 64.3939, 86.2606
YIQ	209.9310, -12.7470, 5.2450

Conversions

Conversions Part 2

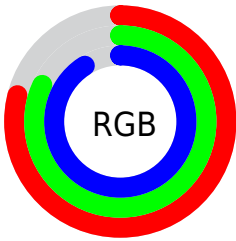
Format	Color
R _Y B	201, 208, 233
Decimal	13226729
CIE Lab	84.17, 1.49, -12.35
CIE LCh	84, 12.443, 276.896
Yxy	64.3939, 0.2910, 0.3030
Android (android.graphics.Color)	4291416809 (0xFFC9D2E9)
YUV	209.9310, 11.3730, -7.8325
Hunter-Lab	80.2458, -2.8679, -7.5620

Details

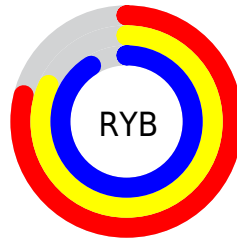
The XYZ color **61.8420, 64.3939, 86.2606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8030, 74.8518, 65.9759**, and the grayscale version is **61.1486, 64.3331, 70.0588**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8569, 33.1543, 46.3154** is the 20% darker color. If you saturate the color by 10%, you get **52.1274, 53.5679, 84.6840**, and if you desaturate by 10%, it is **72.9431, 76.5803, 88.0287**.

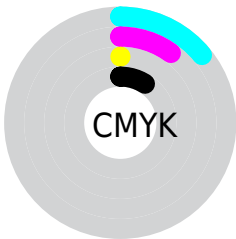
Distribution



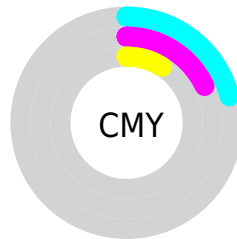
- Red (79%)
- Green (82%)
- Blue (91%)



- Red (79%)
- Yellow (82%)
- Blue (91%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8420, 64.3939, 86.2606 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 61.8420, 64.3939, 86.2606 by changing the saturation by 10% instead.

■ 61.8420, 64.3939,
86.2606

■ 61.8420, 64.3939,
86.2606

421.0813,
440.6107, 536.0431

■ 45.1602, 46.9698,
64.3274

106.5884,
111.1780, 144.0229

■ 31.7854, 33.0118,
46.4680

135.3836,
141.3068, 180.6889

■ 21.3524, 22.1355,
32.2640

168.9474,
176.4393, 223.1031

■ 13.4958, 13.9565,
21.2967

207.6450,
216.9598, 271.6838

■ 7.8502, 8.0904,
13.1477

251.8418,
263.2529, 326.8496

■ 4.0502, 4.1528,
7.3984

301.9033,

■ 1.7306, 1.7594,

315.7028, 389.0191

3.6303

358.1946,
374.6939, 458.6107

■ 0.4753, 0.4617,
1.4248

■ 0.0000, 0.0000,
0.1609

■ 61.8420, 64.3939,
86.2606

■ 61.8420, 64.3939,
86.2606

■ 52.1274, 53.5679,
84.6840

■ 72.9431, 76.5803,
88.0287

■ 43.7377, 44.0456,
83.2882

■ 85.4777, 90.1649,
89.9902

■ 36.6149, 35.7785,
82.0679

■ 91.7082, 98.6633,
91.3022

■ 30.6946, 28.7112,
81.0158

■ 25.9060, 22.7846,
80.1242

■ 22.1709, 17.9334,
79.3847

■ 19.3997, 14.0852,
78.7880

■ 17.4862, 11.1565,
78.3236

■ 16.6302, 9.7274,
78.0928

Harmonies

Analogous

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



59.1515, 64.3939, 84.9971



61.8420, 64.3939, 86.2606



64.4366, 64.3939, 82.9452

Triad

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



61.8420, 64.3939, 86.2606



65.5345, 64.3939, 61.4037



56.4653, 64.3939, 64.3339

Complementary

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



61.8420, 64.3939, 86.2606



70.8030, 74.8518, 65.9759

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.



58.0823, 64.3939, 58.6794



61.8420, 64.3939, 86.2606



63.3044, 64.3939, 57.0783

Square

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



61.8420, 64.3939, 86.2606



66.6094, 64.3939, 68.3102



60.5713, 64.3939, 56.1196



56.1001, 64.3939, 71.9493

Rectangle

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



61.8420, 64.3939, 86.2606



65.7449, 64.3939, 78.7208



60.5713, 64.3939, 56.1196



56.8780, 64.3939, 62.1586

Sweetspot

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



61.8439, 64.3966, 86.2620



89.1023, 93.5283, 107.9643



66.6730, 76.0747, 81.6446



18.8390, 19.7651, 23.0721



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.



61.8439, 64.3966, 86.2620



72.9489, 75.7642, 105.3869



61.5896, 61.0582, 85.6311



14.5762, 15.2389, 19.0954



9.5266, 5.7002, 44.3411



0.8271, 0.6056, 3.5082

Inverse Universe

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



66.1253, 63.7516, 69.7959



79.0206, 74.9278, 82.0180



71.0676, 78.6755, 66.7000



15.2396, 15.1237, 16.5473



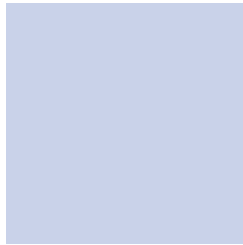
19.6639, 10.0682, 4.0314



1.5840, 0.8066, 0.5266

Previews

White Background



This preview shows how the XYZ color 61.8420, 64.3939, 86.2606 looks on a white background.

Color Contrast Check

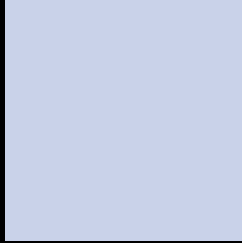
Large Text (above 18pt) WCAG AA × Fail

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 61.8420, 64.3939, 86.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

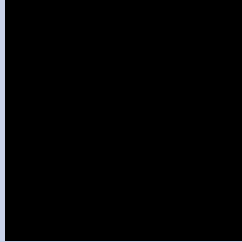
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8420, 64.3939, 86.2606

Background



This preview shows how black text looks on a background with the XYZ color 61.8420, 64.3939, 86.2606.



This preview shows how white text looks on a background with the XYZ color 61.8420, 64.3939,

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

61.8420, 64.3939, 86.2606

Protanopia

62.8535, 64.2033, 85.4237

Deuteranopia

65.6576, 64.1863, 86.7706



Tritanopia

61.1173, 64.4693, 82.6214

Trichromacy



Original Color

61.8420, 64.3939, 86.2606

Protanomaly

62.5428, 64.4063, 85.4792

Deuteranomaly

64.0740, 64.0802, 86.8336

Tritanomaly

61.3966, 64.5811, 84.0924

Monochromacy



Original Color

61.8420, 64.3939, 86.2606

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4336, 64.4205, 75.5262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8420, 64.3939, 86.2606 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, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 233)  
}
```

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, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 233) }
```

Border

The CSS property to change the border of an element to XYZ 61.8420, 64.3939, 86.2606 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, 210, 233) }
```


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

```
.border{ border-color:rgb(201, 210, 233) }
```

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

Here you see how a box with a 4 pixel rgb(201, 210, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8420, 64.3939, 86.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 233) }
```

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

```
.background{ background-color: rgb(201,  
210, 233) }
```

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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