

Converting Colors

XYZ(61.7991, 64.6441, 83.2816)

Have a look what the booklet for
XYZ(61.7991, 64.6441, 83.2816)
contains.

XYZ(61.7942, 64.8022, 83.3799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7942, 64.8022,
83.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3E5
RGB	202, 211, 229
RGB Percent	79%, 83%, 90%
CMY	0.2078, 0.1725, 0.1020
CMYK	0.12, 0.08, 0.00, 0.10
HSL	220°, 34%, 85%
HSV	220°, 12%, 90%
XYZ	61.7942, 64.8022, 83.3799
YIQ	210.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

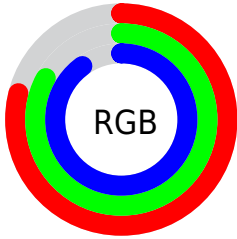
Format	Color
R _Y B	202, 209, 229
Decimal	13292517
CIE Lab	84.38, 0.47, -9.91
CIE LCh	84, 9.917, 272.726
Yxy	64.8022, 0.2943, 0.3086
Android (android.graphics.Color)	4291482597 (0xFFCAD3E5)
YUV	210.3610, 9.1890, -7.3326
Hunter-Lab	80.4998, -3.8524, -5.0614

Details

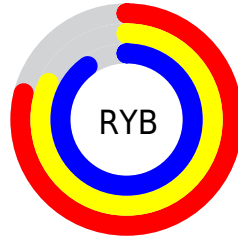
The XYZ color **61.7942, 64.8022, 83.3799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5673, 72.1082, 66.1827**, and the grayscale version is **61.4440, 64.6439, 70.3972**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9097, 33.4658, 44.8221** is the 20% darker color. If you saturate the color by 10%, you get **52.4384, 54.6159, 81.9079**, and if you desaturate by 10%, it is **72.4334, 76.1881, 85.0179**.

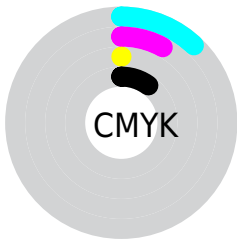
Distribution



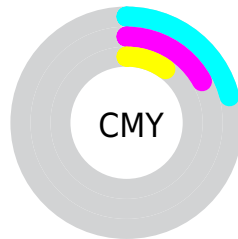
- Red (79%)
- Green (83%)
- Blue (90%)



- Red (79%)
- Yellow (82%)
- Blue (90%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7942, 64.8022, 83.3799 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 61.7942, 64.8022, 83.3799 by changing the saturation by 10% instead.

■ 61.7942, 64.8022,
83.3799

■ 61.7942, 64.8022,
83.3799

420.9095,
442.0808, 526.2559

■ 45.1214, 47.3007,
61.9612

106.5197,
111.7654, 139.9614

■ 31.7547, 33.2734,
44.5657

135.3030,
141.9960, 175.9613

■ 21.3289, 22.3360,
30.7751

168.8539,
177.2383, 217.6586

■ 13.4784, 14.1040,
20.1706

207.5378,
217.8768, 265.4719

■ 7.8381, 8.1930,
12.3338

251.7199,
264.2960, 319.8197

■ 4.0424, 4.2187,
6.8461

301.7657,

■ 1.7262, 1.7966,

316.8801, 381.1206

3.2891

358.0404,
376.0136, 449.7932

■ 0.4726, 0.4851,
1.2441

■ 0.0000, 0.0000,
0.0153

■ 61.7942, 64.8022,
83.3799

■ 61.7942, 64.8022,
83.3799

■ 52.4384, 54.6159,
81.9079

■ 72.4334, 76.1881,
85.0179

■ 44.3100, 45.5804,
80.5923

■ 84.3977, 88.8042,
86.8224

■ 37.3570, 37.6552,
79.4290

■ 91.1430, 98.4372,
88.3263

■ 31.5215, 30.7941,
78.4122

■ 26.7404, 24.9474,
77.5357

■ 22.9435, 20.0612,
76.7927

■ 20.0517, 16.0751,
76.1757

■ 17.9710, 12.9203,
75.6764

■ 16.7523, 10.8757,
75.3460

Harmonies

Analogous

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



59.6722, 64.8022, 81.8970



61.7942, 64.8022, 83.3799



63.9105, 64.8022, 81.2615

Triad

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



61.7942, 64.8022, 83.3799



65.2244, 64.8022, 64.2026



57.9046, 64.8022, 65.1455

Complementary

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



61.7942, 64.8022, 83.3799



68.5673, 72.1082, 66.1827

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.



59.3313, 64.8022, 60.8393



61.7942, 64.8022, 83.3799



63.5536, 64.8022, 60.3181

Square

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



61.7942, 64.8022, 83.3799



65.9202, 64.8022, 69.9833



61.3913, 64.8022, 59.1240



57.4585, 64.8022, 71.1370

Rectangle

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



61.7942, 64.8022, 83.3799



65.0243, 64.8022, 78.1617



61.3913, 64.8022, 59.1240



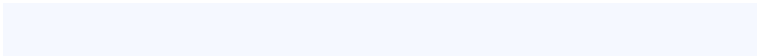
58.2837, 64.8022, 63.4652

Sweetspot

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



61.7961, 64.8049, 83.3813



89.2657, 93.8551, 108.0188



65.2363, 73.7398, 78.1941



18.8802, 19.8476, 23.0858



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.



61.7961, 64.8049, 83.3813



75.9868, 79.5927, 105.9657



60.7320, 61.0284, 82.7085



13.9735, 14.6684, 18.2391



9.6770, 6.4161, 43.1116



0.7981, 0.6401, 3.2135

Inverse Universe

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



65.1930, 63.6036, 70.4718



81.1025, 77.8608, 86.5065



69.7168, 76.3035, 66.9319



14.5742, 14.4469, 15.9583



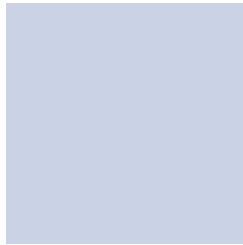
19.2780, 9.8454, 5.0930



1.4665, 0.7443, 0.5969

Previews

White Background



This preview shows how the XYZ color 61.7942, 64.8022, 83.3799 looks on a white background.

Color Contrast Check

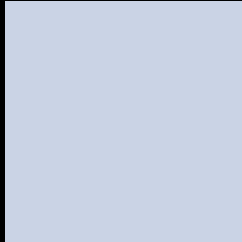
Large Text (above 18pt) WCAG AA × Fail

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 61.7942, 64.8022, 83.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

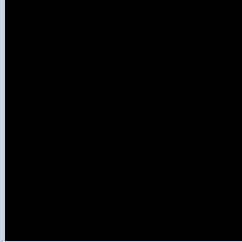
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7942, 64.8022, 83.3799

Background



This preview shows how black text looks on a background with the XYZ color 61.7942, 64.8022, 83.3799.



This preview shows how white text looks on a background with the XYZ color 61.7942, 64.8022,

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

61.7942, 64.8022, 83.3799

Protanopia

63.0986, 64.7577, 82.5726

Deuteranopia

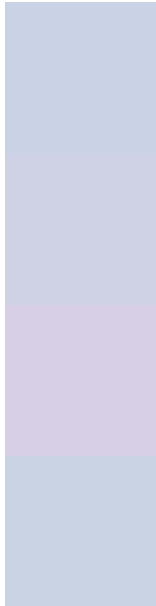
66.2385, 64.9054, 83.8998



Tritanopia

61.6550, 64.7465, 82.6466

Trichromacy



Original Color

61.7942, 64.8022, 83.3799

Protanomaly

62.5038, 64.8164, 82.6153

Deuteranomaly

64.6201, 64.7859, 83.9620

Tritanomaly

61.6550, 64.7465, 82.6466

Monochromacy



Original Color

61.7942, 64.8022, 83.3799

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3031, 64.3683, 74.8390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7942, 64.8022, 83.3799 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, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 229)  
}
```

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, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 229) }
```

Border

The CSS property to change the border of an element to XYZ 61.7942, 64.8022, 83.3799 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, 211, 229) }
```


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

```
.border{ border-color:rgb(202, 211, 229) }
```

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

Here you see how a box with a 4 pixel rgb(202, 211, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7942, 64.8022, 83.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 229) }
```

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

```
.background{ background-color: rgb(202,  
211, 229) }
```

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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