

Converting Colors

XYZ(61.2909, 64.4775, 86.3058)

Have a look what the booklet for
XYZ(61.2909, 64.4775, 86.3058)
contains.

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Color

**XYZ(61.2909, 64.4775,
86.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3E9
RGB	198, 211, 233
RGB Percent	78%, 83%, 91%
CMY	0.2235, 0.1725, 0.0863
CMYK	0.15, 0.09, 0.00, 0.09
HSL	218°, 44%, 85%
HSV	218°, 15%, 91%
XYZ	61.2909, 64.4775, 86.3058
YIQ	209.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

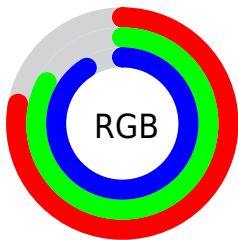
Format	Color
R_{YB}	198, 207, 233
Decimal	13030377
CIE _{Lab}	84.21, 0.02, -12.31
CIE _{LCh}	84, 12.311, 270.076
Yxy	64.4775, 0.2890, 0.3040
Android (android.graphics.Color)	4291220457 (0xFFC6D3E9)
YUV	209.6210, 11.5258, -10.1916
Hunter-Lab	80.2979, -4.2733, -7.5176

Details

The XYZ color **61.2909, 64.4775, 86.3058** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3908, 72.5868, 63.7806**, and the grayscale version is **60.9456, 64.1195, 69.8261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4944, 33.2176, 46.3467** is the 20% darker color. If you saturate the color by 10%, you get **52.1419, 54.6056, 84.8836**, and if you desaturate by 10%, it is **71.7199, 75.5046, 87.8856**.

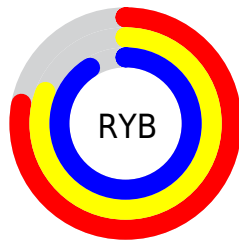
Distribution



Red (78%)

Green (83%)

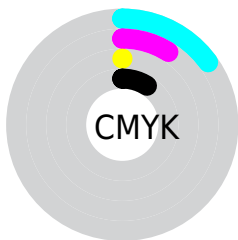
Blue (91%)



Red (78%)

Yellow (81%)

Blue (91%)

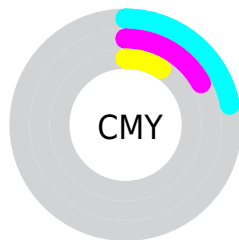


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (22%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2909, 64.4775, 86.3058 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 61.2909, 64.4775, 86.3058 by changing the saturation by 10% instead.

■ 61.2909, 64.4775,
86.3058

■ 61.2909, 64.4775,
86.3058

419.0987,
440.9119, 536.1959

■ 44.7134, 47.0375,
64.3645

105.7958,
111.2983, 144.0865

■ 31.4321, 33.0653,
46.4979

134.4538,
141.4480, 180.7629

■ 21.0815, 22.1765,
32.2874

167.8695,
176.6030, 223.1882

■ 13.2964, 13.9866,
21.3145

206.4080,
217.1477, 271.7809

■ 7.7114, 8.1114,
13.1606

250.4349,
263.4666, 326.9594

■ 3.9611, 4.1663,
7.4072

300.3154,

■ 1.6801, 1.7670,

315.9440, 389.1424

3.6358

356.4149,
374.9643, 458.7484

■ 0.4438, 0.4665,
1.4277

■ 0.0000, 0.0000,
0.1632

■ 61.2909, 64.4775,
86.3058

■ 61.2909, 64.4775,
86.3058

■ 52.1419, 54.6056,
84.8836

■ 71.7199, 75.5046,
87.8856

■ 44.2154, 45.8412,
83.6096

■ 83.4720, 87.7167,
89.6234

■ 37.4577, 38.1446,
82.4802

■ 91.6878, 98.6226,
91.2954

■ 31.8086, 31.4706,
81.4897

■ 91.7082, 98.6633,
91.3022

■ 27.2024, 25.7703,
80.6323

■ 23.5654, 20.9900,
79.9012

■ 20.8132, 17.0693,
79.2895

■ 18.8440, 13.9381,
78.7889

■ 18.0811, 12.6291,
78.5765

Harmonies

Analogous

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



58.7071, 64.4775, 84.0304



61.2909, 64.4775, 86.3058



63.9475, 64.4775, 84.0079

Triad

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



61.2909, 64.4775, 86.3058



65.9309, 64.4775, 62.9500



56.8540, 64.4775, 62.9821

Complementary

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



61.2909, 64.4775, 86.3058



69.3908, 72.5868, 63.7806

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.



58.6954, 64.4775, 58.0035



61.2909, 64.4775, 86.3058



63.9351, 64.4775, 57.9859

Square

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



61.2909, 64.4775, 86.3058



66.6744, 64.4775, 70.1851



61.2770, 64.4775, 56.2426



56.1921, 64.4775, 70.2250

Rectangle

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



61.2909, 64.4775, 86.3058



65.3907, 64.4775, 80.2826



61.2770, 64.4775, 56.2426



57.3528, 64.4775, 61.0082

Sweetspot

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



61.2928, 64.4802, 86.3072



88.0105, 92.6550, 107.8533



65.2919, 75.4300, 78.5405



18.6332, 19.6174, 23.0544



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.



61.2928, 64.4802, 86.3072



71.6106, 75.2656, 105.3612



59.2829, 58.8408, 85.3247



14.6896, 15.4656, 19.1332



10.3684, 7.3838, 44.6217



0.9036, 0.7587, 3.5337

Inverse Universe

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



65.5577, 62.4163, 70.2234



77.8134, 72.4094, 81.9364



71.6195, 79.0004, 64.9011



15.2969, 15.1466, 16.8486



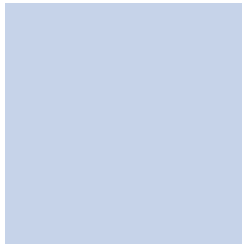
20.0888, 10.2382, 6.2689



1.6226, 0.8220, 0.7301

Previews

White Background



This preview shows how the XYZ color 61.2909, 64.4775, 86.3058 looks on a white background.

Color Contrast Check

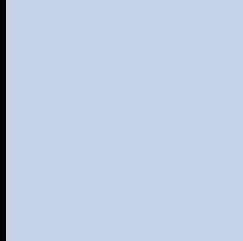
Large Text (above 18pt) WCAG AA × Fail

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 61.2909, 64.4775, 86.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

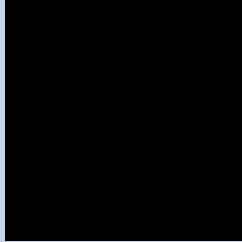
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2909, 64.4775, 86.3058

Background



This preview shows how black text looks on a background with the XYZ color 61.2909, 64.4775, 86.3058.



This preview shows how white text looks on a background with the XYZ color 61.2909, 64.4775,

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

61.2909, 64.4775, 86.3058

Protanopia

62.7118, 64.1467, 84.6776

Deuteranopia

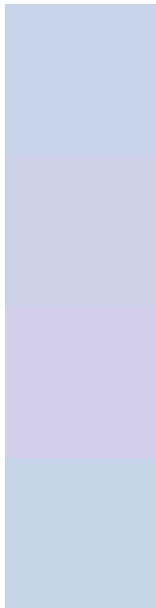
65.6576, 64.1863, 86.7706



Tritanopia

60.7123, 64.6144, 83.4007

Trichromacy



Original Color

61.2909, 64.4775, 86.3058

Protanomaly

62.2678, 64.2645, 85.4664

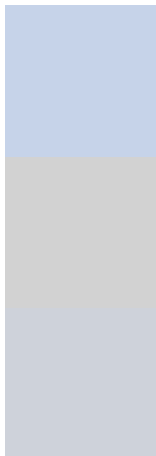
Deuteranomaly

64.0281, 64.4150, 86.9006

Tritanomaly

60.8524, 64.6705, 84.1383

Monochromacy



Original Color

61.2909, 64.4775, 86.3058

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1551, 64.2770, 75.5131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2909, 64.4775, 86.3058 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(198, 211, 233)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 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(198, 211, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 233) }
```

Border

The CSS property to change the border of an element to XYZ 61.2909, 64.4775, 86.3058 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(198, 211, 233) }
```


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

```
.border{ border-color:rgb(198, 211, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 233);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2909, 64.4775, 86.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 233) }
```

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

```
.background{ background-color: rgb(198,  
211, 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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