

Converting Colors

XYZ(61.3912, 65.5072, 91.6140)

Have a look what the booklet for
XYZ(61.3912, 65.5072, 91.6140)
contains.

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Color

**XYZ(61.5130, 65.5909,
91.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D6F0
RGB	192, 214, 240
RGB Percent	75%, 84%, 94%
CMY	0.2470, 0.1608, 0.0588
CMYK	0.20, 0.11, 0.00, 0.06
HSL	212°, 62%, 85%
HSV	212°, 20%, 94%
XYZ	61.5130, 65.5909, 91.8563
YIQ	210.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

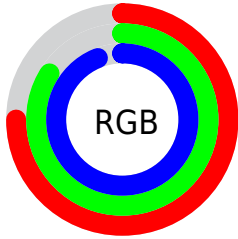
Format	Color
R_{YB}	192, 207, 240
Decimal	12637936
CIE _{Lab}	84.79, -1.93, -15.21
CIE _{LCh}	85, 15.330, 262.750
Yxy	65.5909, 0.2809, 0.2996
Android (android.graphics.Color)	4290828016 (0xFFC0D6F0)
YUV	210.3860, 14.5997, -16.1245
Hunter-Lab	80.9882, -6.1532, -10.5546

Details

The XYZ color **61.5130, 65.5909, 91.8563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5216, 72.4740, 60.1427**, and the grayscale version is **61.4309, 64.6301, 70.3822**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.5311, 33.6602, 50.1826** is the 20% darker color. If you saturate the color by 10%, you get **52.7653, 56.3924, 90.5429**, and if you desaturate by 10%, it is **71.5181, 75.8307, 93.3065**.

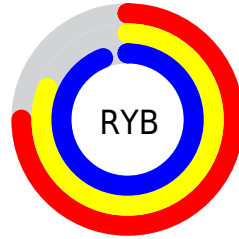
Distribution



Red (75%)

Green (84%)

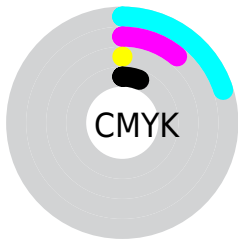
Blue (94%)



Red (75%)

Yellow (81%)

Blue (94%)

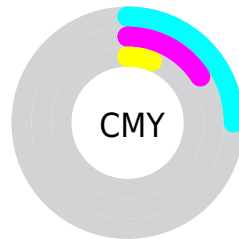


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5130, 65.5909, 91.8563 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 61.5130, 65.5909, 91.8563 by changing the saturation by 10% instead.

■ 61.5130, 65.5909,
91.8563

■ 61.5130, 65.5909,
91.8563

419.8984,
444.9124, 554.7762

■ 44.8934, 47.9404,
68.9389

■ 106.1153,
112.8990, 151.8722

■ 31.5744, 33.7797,
50.1905

134.8287,
143.3253, 189.8078

■ 21.1906, 22.7244,
35.1926

168.3041,
178.7790, 233.5865

■ 13.3767, 14.3901,
23.5265

206.9068,
219.6445, 283.6269

■ 7.7672, 8.3925,
14.7738

251.0023,
266.3062, 340.3475

■ 3.9969, 4.3471,
8.5159

300.9558,

■ 1.7004, 1.8696,

319.1485, 404.1669

4.3344

357.1327,
378.5558, 475.5036

■ 0.4565, 0.5300,
1.8105

■ 0.0000, 0.0000,
0.4349

■ 61.5130, 65.5909,
91.8563

■ 61.5130, 65.5909,
91.8563

■ 52.7653, 56.3924,
90.5429

■ 71.5181, 75.8307,
93.3065

■ 45.2151, 48.1902,
89.3577

■ 82.8253, 87.1386,
94.8932

■ 38.8059, 40.9476,
88.2975

■ 92.0940, 97.8026,
96.4631

■ 33.4744, 34.6221,
87.3576

■ 92.7284, 99.0714,
96.6745

■ 29.1501, 29.1673,
86.5326

■ 25.7531, 24.5313,
85.8168

■ 23.1896, 20.6546,
85.2037

■ 21.3058, 17.4462,
84.6837

■ 21.3057, 17.4460,
84.6836

Harmonies

Analogous

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



58.4321, 65.5909, 87.5441



61.5130, 65.5909, 91.8563



64.9294, 65.5909, 90.3047

Triad

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



61.5130, 65.5909, 91.8563



68.6287, 65.5909, 64.3545



57.2349, 65.5909, 60.5766

Complementary

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



61.5130, 65.5909, 91.8563



70.5216, 72.4740, 60.1427

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.



59.8246, 65.5909, 55.3662



61.5130, 65.5909, 91.8563



66.4229, 65.5909, 57.4037

Square

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



61.5130, 65.5909, 91.8563



69.1211, 65.5909, 73.8293



63.1788, 65.5909, 54.2602



56.0217, 65.5909, 69.0585

Rectangle

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



61.5130, 65.5909, 91.8563



66.9303, 65.5909, 86.2156



63.1788, 65.5909, 54.2602



57.9687, 65.5909, 58.4174

Sweetspot

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



61.5150, 65.5936, 91.8578



87.0566, 92.0391, 107.7847



65.5022, 78.5689, 77.7699



18.4546, 19.5205, 23.0451



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.



61.5150, 65.5936, 91.8578



66.3291, 70.8274, 104.7829



56.7249, 55.4086, 90.1444



15.4942, 16.4226, 20.0748



11.7925, 9.8093, 46.3997



1.0794, 1.0127, 3.8928

Inverse Universe

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



66.9240, 61.0812, 71.8839



73.6524, 65.0207, 77.6724



76.0700, 84.3736, 62.1471



16.0742, 15.8794, 17.9467



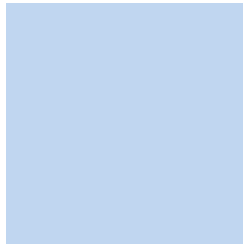
21.2780, 10.7836, 9.3802



1.8198, 0.9170, 1.0418

Previews

White Background



This preview shows how the XYZ color 61.5130, 65.5909, 91.8563 looks on a white background.

Color Contrast Check

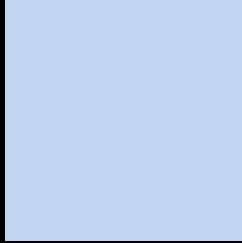
Large Text (above 18pt) WCAG AA × Fail

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 61.5130, 65.5909, 91.8563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

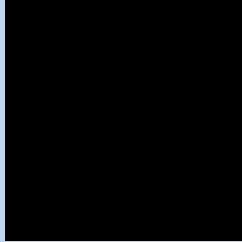
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

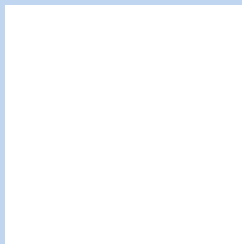
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5130, 65.5909, 91.8563

Background



This preview shows how black text looks on a background with the XYZ color 61.5130, 65.5909, 91.8563.



This preview shows how white text looks on a background with the XYZ color 61.5130, 65.5909,

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

61.5130, 65.5909, 91.8563

Protanopia

64.0648, 65.4730, 89.3817

Deuteranopia

67.0118, 65.4588, 93.1073



Tritanopia

60.3518, 65.5034, 85.8065

Trichromacy



Original Color

61.5130, 65.5909, 91.8563

Protanomaly

63.0840, 65.3181, 90.1717

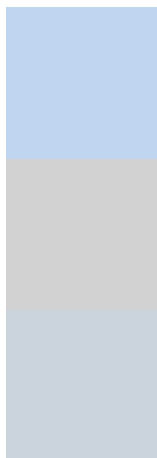
Deuteranomaly

64.9721, 65.5071, 92.4388

Tritanomaly

60.7817, 65.6754, 88.0703

Monochromacy



Original Color

61.5130, 65.5909, 91.8563

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9740, 64.5055, 77.6437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5130, 65.5909, 91.8563 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(192, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 240)  
}
```

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(192, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.5130, 65.5909, 91.8563 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(192, 214, 240) }
```


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

```
.border{ border-color:rgb(192, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(192, 214,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5130, 65.5909, 91.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 214, 240) }
```

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

```
.background{ background-color: rgb(192,  
214, 240) }
```

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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