

Converting Colors

XYZ(61.1106, 63.7755, 94.4659)

Have a look what the booklet for
XYZ(61.1106, 63.7755, 94.4659)
contains.

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Color

**XYZ(61.1140, 63.8313,
94.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D2F4
RGB	192, 210, 244
RGB Percent	75%, 82%, 96%
CMY	0.2470, 0.1765, 0.0431
CMYK	0.21, 0.14, 0.00, 0.04
HSL	219°, 70%, 85%
HSV	219°, 21%, 96%
XYZ	61.1140, 63.8313, 94.6876
YIQ	208.4940, -21.6420, 6.7580

Conversions

Conversions Part 2

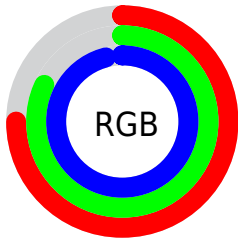
Format	Color
R _Y B	192, 205, 244
Decimal	12636916
CIE Lab	83.88, 1.05, -18.70
CIE LCh	84, 18.727, 273.209
Yxy	63.8313, 0.2783, 0.2906
Android (android.graphics.Color)	4290826996 (0xFFC0D2F4)
YUV	208.4940, 17.5045, -14.4652
Hunter-Lab	79.8945, -3.2747, -14.3419

Details

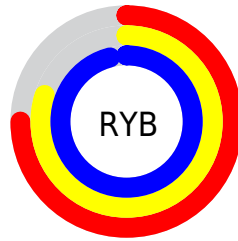
The XYZ color **61.1140, 63.8313, 94.6876** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0198, 77.4320, 60.9155**, and the grayscale version is **60.1764, 63.3102, 68.9448**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.4468, 32.8110, 52.2527** is the 20% darker color. If you saturate the color by 10%, you get **51.6965, 53.4194, 93.1753**, and if you desaturate by 10%, it is **71.9522, 75.5616, 96.3816**.

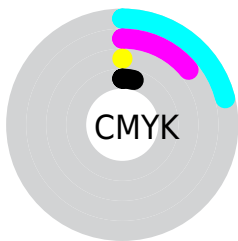
Distribution



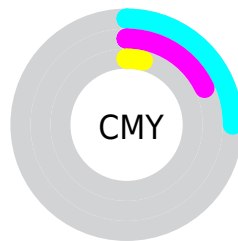
- Red (75%)
- Green (82%)
- Blue (96%)



- Red (75%)
- Yellow (80%)
- Blue (96%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1140, 63.8313, 94.6876 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 61.1140, 63.8313, 94.6876 by changing the saturation by 10% instead.

■ 61.1140, 63.8313,
94.6876

■ 61.1140, 63.8313,
94.6876

418.4611,
438.5802, 564.1232

■ 44.5701, 46.5141,
71.2795

■ 105.5412,
110.3679, 155.8248

■ 31.3188, 32.6517,
52.0871

134.1551,
140.3561, 194.3910

■ 20.9947, 21.8597,
36.6918

167.5231,
175.3367, 238.8471

■ 13.2326, 13.7539,
24.6750

206.0105,
215.6942, 289.6114

■ 7.6670, 7.9497,
15.6183

249.9826,
261.8129, 347.1027

■ 3.9326, 4.0628,
9.1030

299.8049,

■ 1.6641, 1.7087,

314.0772, 411.7394

4.7107

355.8426,
372.8715, 483.9400

■ 0.4336, 0.4293,
2.0228

■ 0.0000, 0.0000,
0.5692

■ 61.1140, 63.8313,
94.6876

■ 61.1140, 63.8313,
94.6876

■ 51.6965, 53.4194,
93.1753

■ 71.9522, 75.5616,
96.3816

■ 43.6321, 44.2694,
91.8342

■ 84.2633, 88.6488,
98.2588

■ 36.8559, 36.3316,
90.6592

■ 93.3293, 99.3117,
99.8391

■ 31.2953, 29.5498,
89.6433

■ 26.8698, 23.8629,
88.7788

■ 23.4878, 19.2026,
88.0576

■ 21.0418, 15.4912,
87.4701

■ 19.5363, 12.9457,
87.0581

Harmonies

Analogous

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



57.1706, 63.8313, 91.7705



61.1140, 63.8313, 94.6876



65.1101, 63.8313, 90.2514

Triad

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



61.1140, 63.8313, 94.6876



67.5380, 63.8313, 57.8077



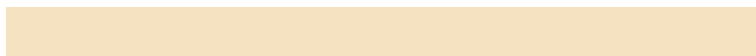
53.8732, 63.8313, 59.7739

Complementary

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



61.1140, 63.8313, 94.6876



74.0198, 77.4320, 60.9155

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.



56.4360, 63.8313, 52.2039



61.1140, 63.8313, 94.6876



64.3088, 63.8313, 51.1621

Square

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



61.1140, 63.8313, 94.6876



68.9229, 63.8313, 68.2399



60.2276, 63.8313, 49.2315



53.1032, 63.8313, 70.7784

Rectangle

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



61.1140, 63.8313, 94.6876



67.2336, 63.8313, 83.9849



60.2276, 63.8313, 49.2315



54.5477, 63.8313, 56.7869

Sweetspot

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



61.1160, 63.8339, 94.6890



86.5348, 90.9956, 107.6108



67.7904, 81.3892, 83.9458



18.3314, 19.2742, 23.0041



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.



61.1160, 63.8339, 94.6890



62.4186, 64.9139, 103.8476



58.9464, 56.4845, 93.3848



16.0503, 16.8648, 20.9519



10.7374, 7.2686, 47.3751



1.0359, 0.8233, 4.1945

Inverse Universe

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



67.7924, 61.5873, 69.2901



71.2130, 62.2622, 70.3222



76.5249, 86.3755, 62.5097



16.7359, 16.5772, 18.3561



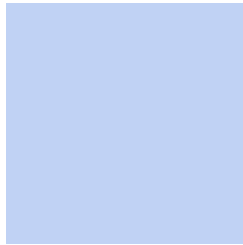
21.2242, 10.8331, 5.8893



1.9119, 0.9707, 0.7627

Previews

White Background



This preview shows how the XYZ color 61.1140, 63.8313, 94.6876 looks on a white background.

Color Contrast Check

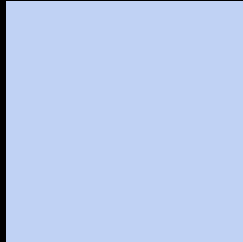
Large Text (above 18pt) WCAG AA × Fail

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 61.1140, 63.8313, 94.6876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

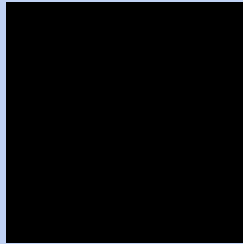
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1140, 63.8313, 94.6876

Background



This preview shows how black text looks on a background with the XYZ color 61.1140, 63.8313, 94.6876.



This preview shows how white text looks on a background with the XYZ color 61.1140, 63.8313,

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

61.1140, 63.8313, 94.6876

Protanopia

62.6970, 63.5930, 92.9746

Deuteranopia

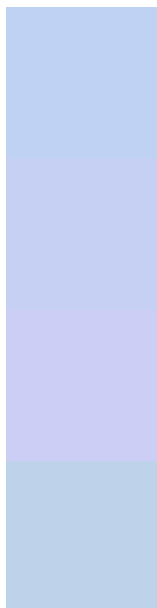
65.2257, 63.7754, 95.2583



Tritanopia

58.6726, 63.5629, 83.3052

Trichromacy



Original Color

61.1140, 63.8313, 94.6876

Protanomaly

62.0222, 63.5886, 93.7989

Deuteranomaly

63.7296, 63.7143, 95.3254

Tritanomaly

59.3808, 63.4762, 86.9643

Monochromacy



Original Color

61.1140, 63.8313, 94.6876

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2087, 63.3779, 77.4664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1140, 63.8313, 94.6876 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, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 244)  
}
```

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, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.1140, 63.8313, 94.6876 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, 210, 244) }
```


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

```
.border{ border-color:rgb(192, 210, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1140, 63.8313, 94.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 244) }
```

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

```
.background{ background-color: rgb(192,  
210, 244) }
```

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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