

Converting Colors

XYZ(61.5350, 64.5757, 93.9437)

Have a look what the booklet for
XYZ(61.5350, 64.5757, 93.9437)
contains.

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Color

**XYZ(61.4642, 64.3971,
93.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D3F3
RGB	193, 211, 243
RGB Percent	76%, 83%, 95%
CMY	0.2431, 0.1725, 0.0471
CMYK	0.21, 0.13, 0.00, 0.05
HSL	218°, 68%, 85%
HSV	218°, 21%, 95%
XYZ	61.4642, 64.3971, 93.9844
YIQ	209.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

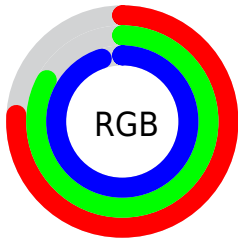
Format	Color
R _Y B	193, 206, 243
Decimal	12702707
CIE Lab	84.17, 0.60, -17.72
CIE LCh	84, 17.727, 271.949
Yxy	64.3971, 0.2796, 0.2929
Android (android.graphics.Color)	4290892787 (0xFFC1D3F3)
YUV	209.2660, 16.6309, -14.2653
Hunter-Lab	80.2478, -3.7152, -13.2656

Details

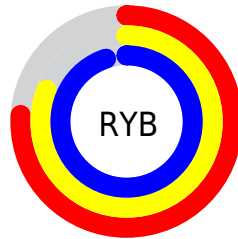
The XYZ color **61.4642, 64.3971, 93.9844** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.5134, 76.7552, 61.3941**, and the grayscale version is **60.6842, 63.8445, 69.5267**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.6741, 33.1908, 51.7508** is the 20% darker color. If you saturate the color by 10%, you get **52.0932, 54.1072, 92.4932**, and if you desaturate by 10%, it is **72.2307, 75.9645, 95.6507**.

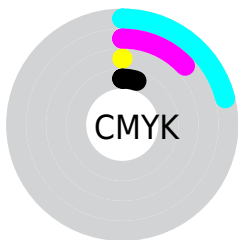
Distribution



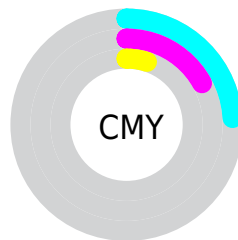
- Red (76%)
- Green (83%)
- Blue (95%)



- Red (76%)
- Yellow (81%)
- Blue (95%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4642, 64.3971, 93.9844 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 61.4642, 64.3971, 93.9844 by changing the saturation by 10% instead.

■ 61.4642, 64.3971,
93.9844

■ 61.4642, 64.3971,
93.9844

419.7227,
440.6222, 561.8096

■ 44.8539, 46.9724,
70.6978

■ 106.0451,
111.1826, 154.8442

■ 31.5431, 33.0138,
51.6153

134.7463,
141.3122, 193.2545

■ 21.1666, 22.1370,
36.3184

168.2086,
176.4456, 237.5431

■ 13.3590, 13.9576,
24.3886

206.7973,
216.9670, 288.1286

■ 7.7549, 8.0912,
15.4072

250.8777,
263.2610, 345.4294

■ 3.9890, 4.1534,
8.9559

300.8151,

■ 1.6959, 1.7597,

315.7120, 409.8642

4.6160

356.9750,
374.7043, 481.8514

■ 0.4537, 0.4619,
1.9690

■ 0.0000, 0.0000,
0.5361

■ 61.4642, 64.3971,
93.9844

■ 61.4642, 64.3971,
93.9844

■ 52.0932, 54.1072,
92.4932

■ 72.2307, 75.9645,
95.6507

■ 44.0515, 45.0401,
91.1669

■ 84.4433, 88.8456,
97.4934

■ 37.2763, 37.1487,
90.0008

■ 93.1779, 99.2511,
99.0415

■ 31.6970, 30.3793,
88.9883

■ 27.2352, 24.6736,
88.1221

■ 23.8026, 19.9666,
87.3945

■ 21.2950, 16.1842,
86.7966

■ 19.6262, 13.3677,
86.3409

Harmonies

Analogous

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



57.7303, 64.3971, 90.9495



61.4642, 64.3971, 93.9844



65.2840, 64.3971, 90.0792

Triad

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



61.4642, 64.3971, 93.9844



67.8297, 64.3971, 59.3021



54.7926, 64.3971, 60.4465

Complementary

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



61.4642, 64.3971, 93.9844



73.5134, 76.7552, 61.3941

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.



57.3044, 64.3971, 53.3468



61.4642, 64.3971, 93.9844



64.8216, 64.3971, 52.7373

Square

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



61.4642, 64.3971, 93.9844



69.0552, 64.3971, 69.3859



60.9515, 64.3971, 50.6775



53.9781, 64.3971, 70.8542

Rectangle

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



61.4642, 64.3971, 93.9844



67.3379, 64.3971, 84.2847



60.9515, 64.3971, 50.6775



55.4610, 64.3971, 57.6340

Sweetspot

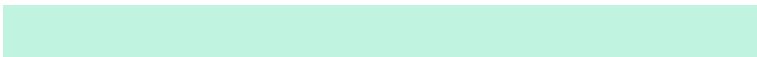
The Sweet Spot groups the original color and five complimentary colors.



61.4662, 64.3997, 93.9859



86.5990, 91.1240, 107.6322



67.5893, 80.8579, 83.0420



18.3466, 19.3045, 23.0091



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.



61.4662, 64.3997, 93.9859



63.6969, 66.5250, 104.0912



58.9794, 56.8459, 92.6589



16.0695, 16.9033, 20.9583



10.8875, 7.5687, 47.4251



1.0507, 0.8528, 4.1995

Inverse Universe

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



67.7915, 61.8992, 70.0058



72.0890, 63.4962, 72.2111



76.3802, 85.8426, 62.9970



16.7457, 16.5811, 18.4072



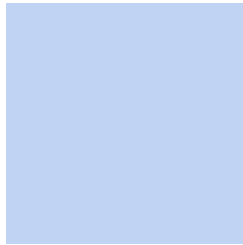
21.3000, 10.8634, 6.2882



1.9194, 0.9737, 0.8020

Previews

White Background



This preview shows how the XYZ color 61.4642, 64.3971, 93.9844 looks on a white background.

Color Contrast Check

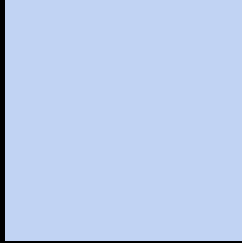
Large Text (above 18pt) WCAG AA × Fail

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 61.4642, 64.3971, 93.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

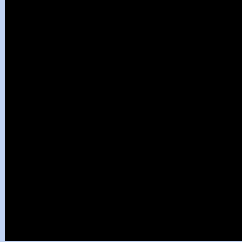
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

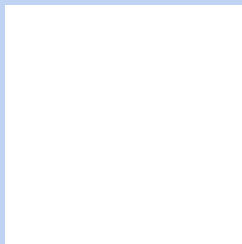
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4642, 64.3971, 93.9844

Background



This preview shows how black text looks on a background with the XYZ color 61.4642, 64.3971, 93.9844.



This preview shows how white text looks on a background with the XYZ color 61.4642, 64.3971,

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

61.4642, 64.3971, 93.9844

Protanopia

63.3349, 64.3000, 92.2921

Deuteranopia

65.6010, 64.3404, 94.5493



Tritanopia

59.5630, 64.3780, 84.1498

Trichromacy



Original Color

61.4642, 64.3971, 93.9844

Protanomaly

62.6469, 64.2911, 93.1120

Deuteranomaly

64.0956, 64.2791, 94.6169

Tritanomaly

60.2771, 64.2916, 87.8298

Monochromacy



Original Color

61.4642, 64.3971, 93.9844

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7263, 64.0102, 77.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4642, 64.3971, 93.9844 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(193, 211, 243)` looks like.

```
.text, #text, p{  
    color:rgb(193, 211, 243)  
}
```

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(193, 211, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 211, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.4642, 64.3971, 93.9844 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(193, 211, 243) }
```


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

```
.border{ border-color:rgb(193, 211, 243) }
```

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

Here you see how a box with a 4 pixel rgb(193, 211, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 211, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 211, 243);  
box-shadow:4px 4px 4px 4px rgb(193, 211,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4642, 64.3971, 93.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 211, 243) }
```

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

```
.background{ background-color: rgb(193,  
211, 243) }
```

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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