

Converting Colors

XYZ(61.1270, 65.2596, 94.5682)

Have a look what the booklet for
XYZ(61.1270, 65.2596, 94.5682)
contains.

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Color

**XYZ(61.3620, 65.4436,
94.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD6F4
RGB	189, 214, 244
RGB Percent	74%, 84%, 96%
CMY	0.2588, 0.1608, 0.0431
CMYK	0.23, 0.12, 0.00, 0.04
HSL	213°, 71%, 85%
HSV	213°, 23%, 96%
XYZ	61.3620, 65.4436, 94.9857
YIQ	209.9450, -24.5300, 4.0300

Conversions

Conversions Part 2

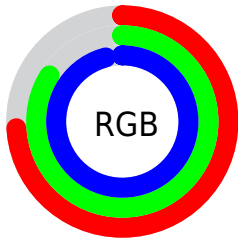
Format	Color
RYB	189, 206, 244
Decimal	12441332
CIELab	84.71, -1.96, -17.46
CIELCh	85, 17.570, 263.584
Yxy	65.4436, 0.2767, 0.2951
Android (android.graphics.Color)	4290631412 (0xFFBDD6F4)
YUV	209.9450, 16.7891, -18.3688
Hunter-Lab	80.8972, -6.1747, -12.9875

Details

The XYZ color **61.3620, 65.4436, 94.9857** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8258, 73.5706, 58.5607**, and the grayscale version is **61.1290, 64.3124, 70.0362**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.4669, 33.5780, 52.3997** is the 20% darker color. If you saturate the color by 10%, you get **52.5798, 56.1203, 93.6501**, and if you desaturate by 10%, it is **71.4417, 75.8475, 96.4637**.

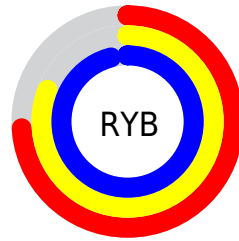
Distribution



Red (74%)

Green (84%)

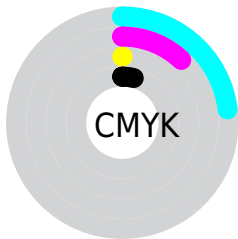
Blue (96%)



Red (74%)

Yellow (81%)

Blue (96%)

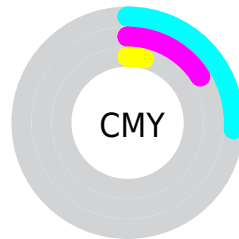


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3620, 65.4436, 94.9857 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 61.3620, 65.4436, 94.9857 by changing the saturation by 10% instead.

■ 61.3620, 65.4436,
94.9857

■ 61.3620, 65.4436,
94.9857

419.3548,
444.3844, 565.1024

■ 44.7710, 47.8209,
71.5263

■ 105.8981,
112.6874, 156.2403

■ 31.4776, 33.6851,
52.2873

134.5739,
143.0772, 194.8724

■ 21.1164, 22.6518,
36.8503

168.0086,
178.4915, 239.3993

■ 13.3221, 14.3366,
24.7967

206.5678,
219.3148, 290.2393

■ 7.7292, 8.3551,
15.7080

250.6166,
265.9313, 347.8111

■ 3.9725, 4.3230,
9.1657

300.5205,

■ 1.6866, 1.8558,

318.7254, 412.5332

4.7511

356.6447,
378.0817, 484.8241

■ 0.4479, 0.5216,
2.0458

■ 0.0000, 0.0000,
0.5832

■ 61.3620, 65.4436,
94.9857

■ 61.3620, 65.4436,
94.9857

■ 52.5798, 56.1203,
93.6501

■ 71.4417, 75.8475,
96.4637

■ 45.0315, 47.8302,
92.4478

■ 82.8664, 87.3612,
98.0839

■ 38.6570, 40.5341,
91.3754

■ 92.9886, 98.6303,
99.7256

■ 33.3885, 34.1863,
90.4279

■ 93.3293, 99.3117,
99.8391

■ 29.1501, 28.7369,
89.5994

■ 25.8555, 24.1298,
88.8838

■ 23.4013, 20.2998,
88.2739

■ 22.0049, 17.8829,
87.8810

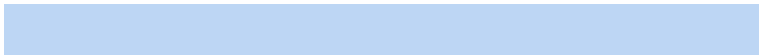
Harmonies

Analogous

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



57.8254, 65.4436, 90.1194



61.3620, 65.4436, 94.9857



65.2732, 65.4436, 92.9758

Triad

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



61.3620, 65.4436, 94.9857



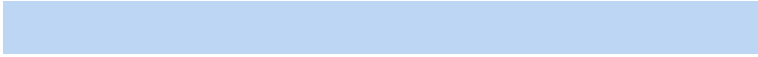
69.3840, 65.4436, 62.9484



56.3201, 65.4436, 59.1721

Complementary

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



61.3620, 65.4436, 94.9857



71.8258, 73.5706, 58.5607

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.



59.2291, 65.4436, 53.2147



61.3620, 65.4436, 94.9857



66.7944, 65.4436, 55.2292

Square

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



61.3620, 65.4436, 94.9857



70.0135, 65.4436, 73.7015



63.0500, 65.4436, 51.8509



54.9946, 65.4436, 68.8671

Rectangle

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



61.3620, 65.4436, 94.9857



67.5558, 65.4436, 88.1017



63.0500, 65.4436, 51.8509



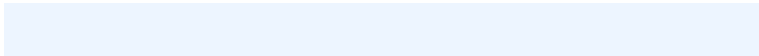
57.1391, 65.4436, 56.7090

Sweetspot

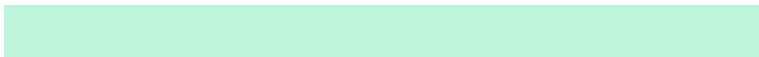
The Sweet Spot groups the original color and five complimentary colors.



61.3640, 65.4463, 94.9872



85.7576, 90.7152, 107.5976



66.0369, 80.6009, 78.6371



18.1917, 19.2516, 23.0071



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.



61.3640, 65.4463, 94.9872



63.2647, 67.5349, 104.3089



55.9723, 53.9834, 93.0588



16.2017, 17.1676, 21.0023



12.0976, 9.9890, 47.8285



1.1646, 1.0806, 4.2374

Inverse Universe

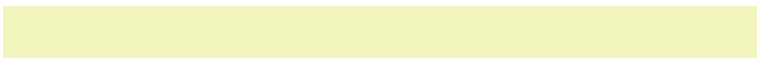
The Inverse Universe completely reimagines the original color for something new.



67.6451, 60.4851, 71.7307



71.4133, 61.4742, 74.0534



78.2124, 87.2834, 60.8710



16.8124, 16.6078, 18.7585



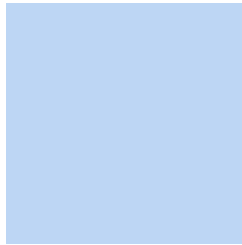
21.9108, 11.1078, 9.5047



1.9769, 0.9967, 1.1047

Previews

White Background



This preview shows how the XYZ color 61.3620, 65.4436, 94.9857 looks on a white background.

Color Contrast Check

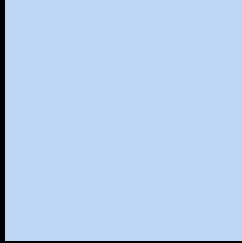
Large Text (above 18pt) WCAG AA × Fail

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 61.3620, 65.4436, 94.9857 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

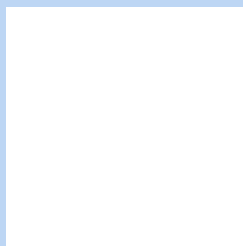
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3620, 65.4436, 94.9857

Background



This preview shows how black text looks on a background with the XYZ color 61.3620, 65.4436, 94.9857.



This preview shows how white text looks on a background with the XYZ color 61.3620, 65.4436,

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

61.3620, 65.4436, 94.9857

Protanopia

64.1312, 65.0736, 92.3995

Deuteranopia

66.7302, 65.2435, 96.2650



Tritanopia

59.7574, 65.5597, 86.5955

Trichromacy



Original Color

61.3620, 65.4436, 94.9857

Protanomaly

63.1407, 65.2787, 93.2766

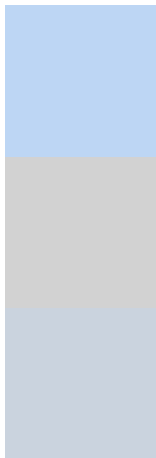
Deuteranomaly

64.7355, 65.3153, 95.5814

Tritanomaly

60.3255, 65.4067, 89.5660

Monochromacy



Original Color

61.3620, 65.4436, 94.9857

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8362, 64.4190, 78.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3620, 65.4436, 94.9857 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(189, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 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(189, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.3620, 65.4436, 94.9857 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(189, 214, 244) }
```


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

```
.border{ border-color:rgb(189, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3620, 65.4436, 94.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 244) }
```

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

```
.background{ background-color: rgb(189,  
214, 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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