

Converting Colors

XYZ(61.9625, 65.7707, 94.2233)

Have a look what the booklet for
XYZ(61.9625, 65.7707, 94.2233)
contains.

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Color

**XYZ(61.9625, 65.7707,
94.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D6F3
RGB	192, 214, 243
RGB Percent	75%, 84%, 95%
CMY	0.2470, 0.1608, 0.0471
CMYK	0.21, 0.12, 0.00, 0.05
HSL	214°, 68%, 85%
HSV	214°, 21%, 95%
XYZ	61.9625, 65.7707, 94.2233
YIQ	210.7280, -22.4210, 4.3550

Conversions

Conversions Part 2

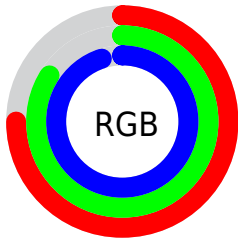
Format	Color
RYB	192, 207, 243
Decimal	12637939
CIELab	84.88, -1.28, -16.66
CIElCh	85, 16.707, 265.605
Yxy	65.7707, 0.2792, 0.2963
Android (android.graphics.Color)	4290828019 (0xFFC0D6F3)
YUV	210.7280, 15.9101, -16.4245
Hunter-Lab	81.0991, -5.5434, -12.1154

Details

The XYZ color **61.9625, 65.7707, 94.2233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3337, 74.5736, 60.4525**, and the grayscale version is **61.6481, 64.8586, 70.6310**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.8490, 33.7874, 51.8567** is the 20% darker color. If you saturate the color by 10%, you get **52.9609, 56.1590, 92.8436**, and if you desaturate by 10%, it is **72.2806, 76.5047, 95.7524**.

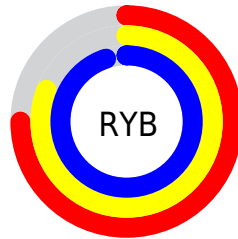
Distribution



Red (75%)

Green (84%)

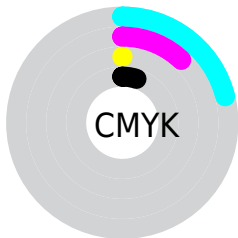
Blue (95%)



Red (75%)

Yellow (81%)

Blue (95%)

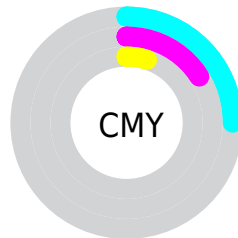


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9625, 65.7707, 94.2233 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 61.9625, 65.7707, 94.2233 by changing the saturation by 10% instead.

■ 61.9625, 65.7707,
94.2233

■ 61.9625, 65.7707,
94.2233

421.5140,
445.5564, 562.5962

■ 45.2579, 48.0863,
70.8954

■ 106.7616,
113.1572, 155.1775

■ 31.8627, 33.8952,
51.7755

135.5867,
143.6280, 193.6408

■ 21.4117, 22.8131,
36.4452

169.1828,
179.1298, 237.9863

■ 13.5395, 14.4556,
24.4858

207.9151,
220.0469, 288.6326

■ 7.8806, 8.4382,
15.4788

252.1491,
266.7637, 345.9982

■ 4.0698, 4.3766,
9.0058

302.2499,

■ 1.7417, 1.8864,

319.6646, 410.5016

4.6481

358.5831,
379.1340, 482.5614

■ 0.4822, 0.5402,
1.9872

■ 0.0000, 0.0000,
0.5474

■ 61.9625, 65.7707,
94.2233

■ 61.9625, 65.7707,
94.2233

■ 52.9609, 56.1590,
92.8436

■ 72.2806, 76.5047,
95.7524

■ 45.2126, 47.6212,
91.6040

■ 83.9626, 88.3910,
97.4310

■ 38.6580, 40.1169,
90.5010

■ 93.1779, 99.2512,
99.0415

■ 33.2298, 33.5997,
89.5291

■ 28.8534, 28.0187,
88.6826

■ 25.4441, 23.3174,
87.9548

■ 22.9015, 19.4304,
87.3385

■ 21.2127, 16.5407,
86.8698

Harmonies

Analogous

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



58.5302, 65.7707, 90.0276



61.9625, 65.7707, 94.2233



65.6792, 65.7707, 91.8823

Triad

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



61.9625, 65.7707, 94.2233



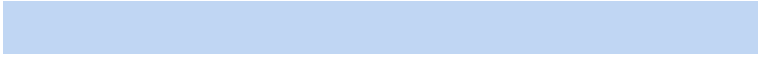
69.2391, 65.7707, 63.0596



56.7536, 65.7707, 60.5764

Complementary

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



61.9625, 65.7707, 94.2233



72.3337, 74.5736, 60.4525

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.



59.4504, 65.7707, 54.5682



61.9625, 65.7707, 94.2233



66.6727, 65.7707, 55.8982

Square

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



61.9625, 65.7707, 94.2233



69.9766, 65.7707, 73.2062



63.0669, 65.7707, 52.9444



55.6001, 65.7707, 70.0433

Rectangle

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



61.9625, 65.7707, 94.2233



67.8046, 65.7707, 87.0429



63.0669, 65.7707, 52.9444



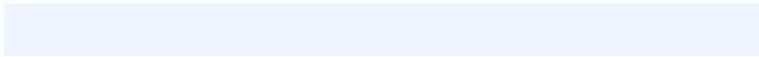
57.5043, 65.7707, 58.1238

Sweetspot

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



61.9645, 65.7734, 94.2248



86.9307, 91.7874, 107.7427



66.8280, 80.5241, 80.3587



18.4249, 19.4611, 23.0352



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.



61.9645, 65.7734, 94.2248



64.8659, 68.8630, 104.4808



57.6380, 55.8275, 92.5331



16.1691, 17.1025, 20.9915



11.7702, 9.3341, 47.7193



1.1345, 1.0204, 4.2274

Inverse Universe

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



67.9511, 61.6107, 71.9320



72.6790, 63.7322, 75.3183



77.3658, 86.3635, 62.4630



16.7959, 16.6012, 18.6720



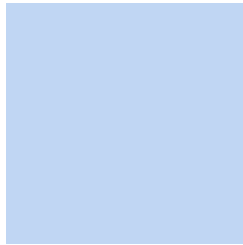
21.7456, 11.0417, 8.6344



1.9617, 0.9906, 1.0247

Previews

White Background



This preview shows how the XYZ color 61.9625, 65.7707, 94.2233 looks on a white background.

Color Contrast Check

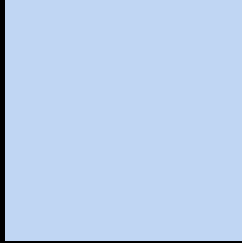
Large Text (above 18pt) WCAG AA × Fail

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 61.9625, 65.7707, 94.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

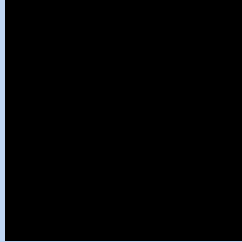
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

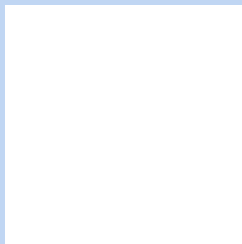
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9625, 65.7707, 94.2233

Background



This preview shows how black text looks on a background with the XYZ color 61.9625, 65.7707, 94.2233.



This preview shows how white text looks on a background with the XYZ color 61.9625, 65.7707,

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

61.9625, 65.7707, 94.2233

Protanopia

64.5069, 65.6499, 91.7099

Deuteranopia

66.8716, 65.3341, 95.4724



Tritanopia

60.4991, 65.9421, 86.6302

Trichromacy



Original Color

61.9625, 65.7707, 94.2233

Protanomaly

63.5286, 65.4960, 92.5128

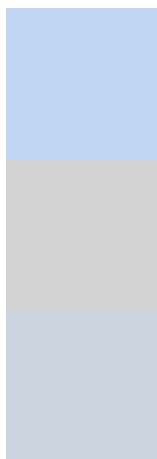
Deuteranomaly

64.8617, 65.3980, 94.7924

Tritanomaly

61.0724, 65.7917, 89.6010

Monochromacy



Original Color

61.9625, 65.7707, 94.2233

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7646, 65.2520, 79.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9625, 65.7707, 94.2233 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 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(192, 214, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.9625, 65.7707, 94.2233 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, 243) }
```


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

```
.border{ border-color:rgb(192, 214, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(192, 214,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9625, 65.7707, 94.2233 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, 243) }
```

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

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