

Converting Colors

XYZ(61.3422, 65.7040,
104.0568)

Have a look what the booklet for
XYZ(61.3422, 65.7040, 104.0568)
contains.

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Color

**XYZ(61.1728, 65.5242,
104.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D7FF
RGB	180, 215, 255
RGB Percent	71%, 84%, 100%
CMY	0.2941, 0.1568, 0.0000
CMYK	0.29, 0.16, 0.00, 0.00
HSL	212°, 100%, 85%
HSV	212°, 29%, 100%
XYZ	61.1728, 65.5242, 104.0310
YIQ	209.0950, -33.7000, 5.0200

Conversions

Conversions Part 2

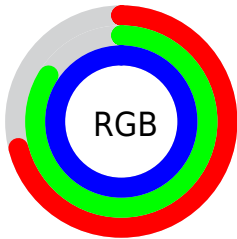
Format	Color
R_{YB}	180, 204, 255
Decimal	11851775
CIE _{Lab}	84.75, -2.59, -23.27
CIE _{LCh}	85, 23.415, 263.659
Yxy	65.5242, 0.2651, 0.2840
Android (android.graphics.Color)	4290041855 (0xFFB4D7FF)
YUV	209.0950, 22.6312, -25.5163
Hunter-Lab	80.9470, -6.7623, -19.5350

Details

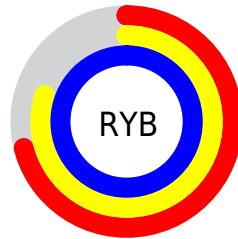
The XYZ color **61.1728, 65.5242, 104.0310** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.0715, 75.7413, 53.8446**, and the grayscale version is **60.5406, 63.6935, 69.3622**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.2213, 33.5788, 58.2619** is the 20% darker color. If you saturate the color by 10%, you get **52.4536, 56.1019, 102.6719**, and if you desaturate by 10%, it is **71.2756, 76.0902, 105.5380**.

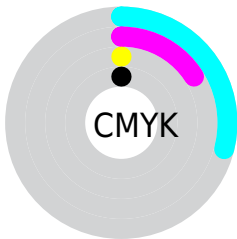
Distribution



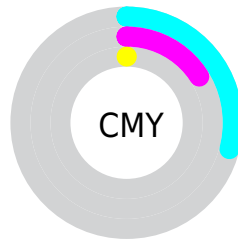
- Red (71%)
- Green (84%)
- Blue (100%)



- Red (71%)
- Yellow (80%)
- Blue (100%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1728, 65.5242, 104.0310 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 61.1728, 65.5242, 104.0310 by changing the saturation by 10% instead.

■ 61.1728, 65.5242,
104.0310

■ 61.1728, 65.5242,
104.0310

418.6731,
444.6733, 594.3973

■ 44.6177, 47.8863,
79.0357

■ 105.6258,
112.8032, 168.7858

■ 31.3564, 33.7368,
58.4036

134.2544,
143.2130, 209.3823

■ 21.0236, 22.6915,
41.7164

167.6382,
178.6489, 256.0163

■ 13.2538, 14.3659,
28.5554

206.1426,
219.4952, 309.1063

■ 7.6817, 8.3756,
18.5020

250.1330,
266.1365, 369.0708

■ 3.9421, 4.3362,
11.1379

299.9746,

■ 1.6694, 1.8633,

318.9570, 436.3285

6.0443

356.0328,
378.3411, 511.2978

■ 0.4370, 0.5262,
2.8028

■ 0.0000, 0.0000,
0.9949

■ 61.1728, 65.5242,
104.0310

■ 61.1728, 65.5242,
104.0310

■ 52.4536, 56.1019,
102.6719

■ 71.2756, 76.0902,
105.5380

■ 45.0455, 47.7710,
101.4543

■ 82.8185, 87.8343,
107.1965

■ 38.8775, 40.4855,
100.3732

95.0500, 100.0000,
108.9000

■ 33.8686, 34.1926,
99.4225

■ 29.9273, 28.8336,
98.5958

■ 26.9458, 24.3404,
97.8857

■ 24.7625, 20.6170,
97.2821

■ 24.6478, 20.4157,
97.2493

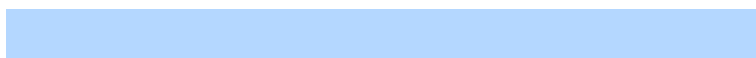
Harmonies

Analogous

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



56.4980, 65.5242, 97.1979



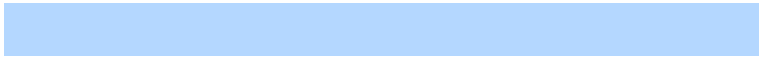
61.1728, 65.5242, 104.0310



66.4093, 65.5242, 101.1666

Triad

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



61.1728, 65.5242, 104.0310



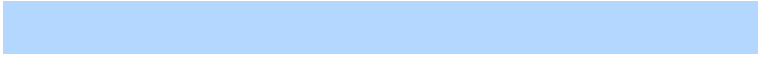
71.9689, 65.5242, 60.3824



54.5118, 65.5242, 55.5777

Complementary

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



61.1728, 65.5242, 104.0310



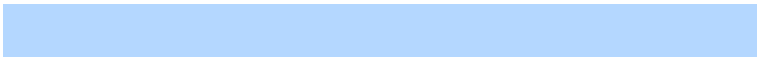
75.0715, 75.7413, 53.8446

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.



58.3232, 65.5242, 48.0478



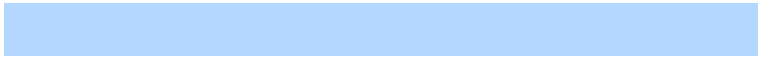
61.1728, 65.5242, 104.0310



68.4411, 65.5242, 50.5378

Square

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



61.1728, 65.5242, 104.0310



72.8368, 65.5242, 74.5788



63.3980, 65.5242, 46.3410



52.7938, 65.5242, 68.2055

Rectangle

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



61.1728, 65.5242, 104.0310



69.4953, 65.5242, 94.3181



63.3980, 65.5242, 46.3410



55.5800, 65.5242, 52.4420

Sweetspot

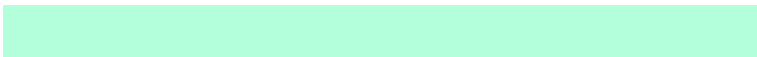
The Sweet Spot groups the original color and five complimentary colors.



61.1747, 65.5267, 104.0314



83.3240, 88.3423, 107.2679



67.3366, 86.3251, 79.9599



17.4537, 18.5255, 22.9058



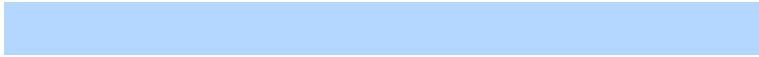
0.0000, 0.0000, 0.0000



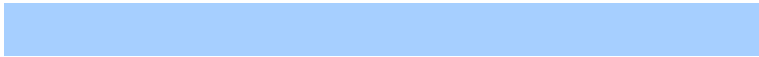
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1747, 65.5267, 104.0314



56.1341, 60.1212, 103.2537



53.4874, 49.7182, 101.3852



17.7019, 18.7753, 22.9410



13.0253, 10.9601, 50.8636



1.3763, 1.2834, 4.9884

Inverse Universe

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



69.8282, 58.8103, 71.9640



66.1426, 52.9664, 66.0276



84.7802, 95.8391, 57.2121



18.3622, 18.1282, 20.5243



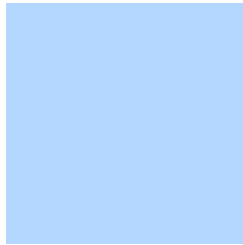
23.3627, 11.8344, 10.5607



2.3293, 1.1741, 1.3156

Previews

White Background



This preview shows how the XYZ color 61.1728, 65.5242, 104.0310 looks on a white background.

Color Contrast Check

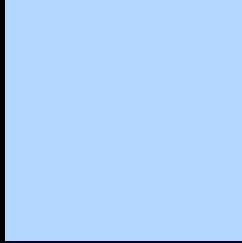
Large Text (above 18pt) WCAG AA × Fail

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 61.1728, 65.5242, 104.0310 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

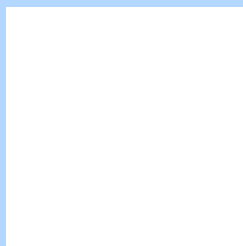
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1728, 65.5242, 104.0310

Background



This preview shows how black text looks on a background with the XYZ color 61.1728, 65.5242, 104.0310.

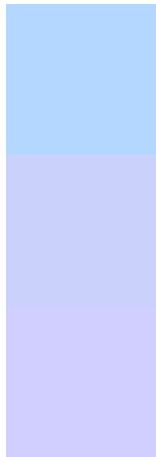


This preview shows how white text looks on a background with the XYZ color 61.1728, 65.5242,

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

61.1728, 65.5242, 104.0310

Protanopia

64.5702, 65.1225, 100.4335

Deuteranopia

66.6573, 65.4010, 103.7182



Tritanopia

58.1162, 65.4290, 88.9229

Trichromacy



Original Color

61.1728, 65.5242, 104.0310

Protanomaly

63.1131, 65.0861, 101.3319

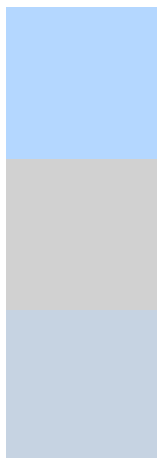
Deuteranomaly

64.3853, 65.3190, 103.8221

Tritanomaly

59.1220, 65.4439, 94.3099

Monochromacy



Original Color

61.1728, 65.5242, 104.0310

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3104, 64.0853, 81.1425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1728, 65.5242, 104.0310 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(180, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 215, 255)  
}
```

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(180, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1728, 65.5242, 104.0310 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(180, 215, 255) }
```


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

```
.border{ border-color:rgb(180, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1728, 65.5242, 104.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 215, 255) }
```

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

```
.background{ background-color: rgb(180,  
215, 255) }
```

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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