

Converting Colors

XYZ(60.9434, 65.5810,
104.0541)

Have a look what the booklet for
XYZ(60.9434, 65.5810, 104.0541)
contains.

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Color

**XYZ(60.9408, 65.4046,
104.0202)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D7FF
RGB	179, 215, 255
RGB Percent	70%, 84%, 100%
CMY	0.2980, 0.1568, 0.0000
CMYK	0.30, 0.16, 0.00, 0.00
HSL	212°, 100%, 85%
HSV	212°, 30%, 100%
XYZ	60.9408, 65.4046, 104.0202
YIQ	208.7960, -34.2960, 4.8080

Conversions

Conversions Part 2

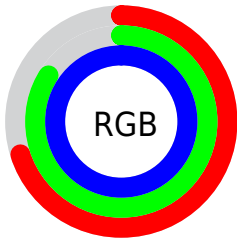
Format	Color
R_{YB}	179, 203, 255
Decimal	11786239
CIE _{Lab}	84.69, -2.87, -23.37
CIE _{LCh}	85, 23.546, 263.003
Yxy	65.4046, 0.2645, 0.2839
Android (android.graphics.Color)	4289976319 (0xFFB3D7FF)
YUV	208.7960, 22.7786, -26.1311
Hunter-Lab	80.8731, -7.0218, -19.6485

Details

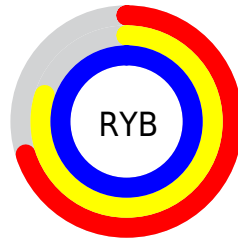
The XYZ color **60.9408, 65.4046, 104.0202** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.7082, 75.1773, 53.2226**, and the grayscale version is **60.3453, 63.4879, 69.1384**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **31.0760, 33.5039, 58.2551** is the 20% darker color. If you saturate the color by 10%, you get **52.3051, 56.0875, 102.6769**, and if you desaturate by 10%, it is **70.9503, 75.8492, 105.5086**.

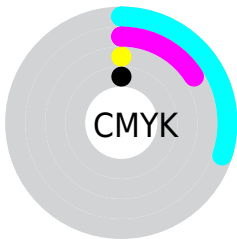
Distribution



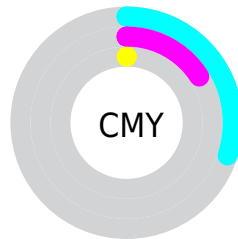
- Red (70%)
- Green (84%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9408, 65.4046, 104.0202 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 60.9408, 65.4046, 104.0202 by changing the saturation by 10% instead.

■ 60.9408, 65.4046,
104.0202

■ 60.9408, 65.4046,
104.0202

417.8363,
444.2445, 594.3627

■ 44.4297, 47.7892,
79.0267

■ 105.2918,
112.6313, 168.7709

■ 31.2079, 33.6600,
58.3963

133.8625,
143.0115, 209.3651

■ 20.9098, 22.6325,
41.7105

167.1838,
178.4154, 255.9966

■ 13.1702, 14.3224,
28.5508

205.6210,
219.2274, 309.0840

■ 7.6236, 8.3452,
18.4986

249.5395,
265.8319, 369.0457

■ 3.9048, 4.3166,
11.1354

299.3046,

■ 1.6484, 1.8522,

318.6134, 436.3004

6.0427

355.2818,
377.9561, 511.2666

■ 0.4237, 0.5194,
2.8018

■ 0.0000, 0.0000,
0.9944

■ 60.9408, 65.4046,
104.0202

■ 60.9408, 65.4046,
104.0202

■ 52.3051, 56.0875,
102.6769

■ 70.9503, 75.8492,
105.5086

■ 44.9708, 47.8459,
101.4727

■ 82.3900, 87.4553,
107.1459

■ 38.8668, 40.6345,
100.4025

95.0500, 100.0000,
108.9000

■ 33.9123, 34.4008,
99.4604

■ 30.0155, 29.0864,
98.6400

■ 27.0681, 24.6237,
97.9339

■ 24.9013, 20.9133,
97.3320

■ 24.8629, 20.8457,
97.3210

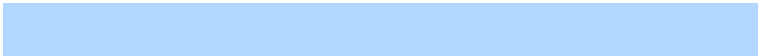
Harmonies

Analogous

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



56.2733, 65.4046, 96.9542



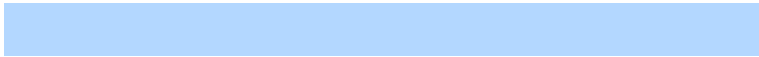
60.9408, 65.4046, 104.0202



66.2033, 65.4046, 101.3548

Triad

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



60.9408, 65.4046, 104.0202



71.9510, 65.4046, 60.4806



54.4295, 65.4046, 55.1620

Complementary

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



60.9408, 65.4046, 104.0202



74.7082, 75.1773, 53.2226

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.



58.2945, 65.4046, 47.7338



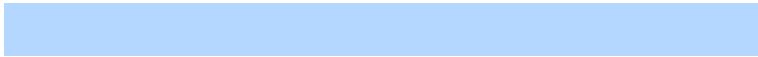
60.9408, 65.4046, 104.0202



68.4545, 65.4046, 50.4885

Square

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



60.9408, 65.4046, 104.0202



72.7578, 65.4046, 74.8027



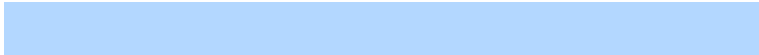
63.4057, 65.4046, 46.1521



52.6539, 65.4046, 67.7429

Rectangle

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



60.9408, 65.4046, 104.0202



69.3242, 65.4046, 94.5764



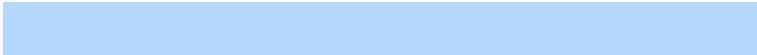
63.4057, 65.4046, 46.1521



55.5167, 65.4046, 52.0562

Sweetspot

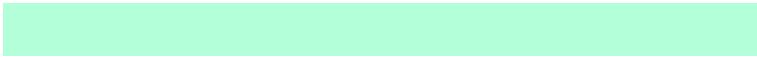
The Sweet Spot groups the original color and five complimentary colors.



60.9426, 65.4071, 104.0206



83.3721, 88.4386, 107.2839



67.0412, 86.1801, 79.6148



17.4656, 18.5492, 22.9098



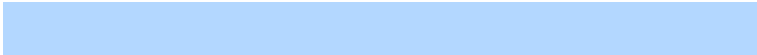
0.0000, 0.0000, 0.0000



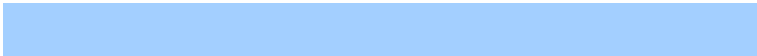
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9426, 65.4071, 104.0206



55.4324, 59.5019, 103.1712



53.0560, 49.1972, 101.3074



17.7127, 18.7970, 22.9446



13.1384, 11.1863, 50.9013



1.3877, 1.3060, 4.9922

Inverse Universe

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



69.6270, 58.4080, 71.8969



65.5970, 52.0152, 65.4138



84.6725, 95.7954, 56.6771



18.3676, 18.1304, 20.5531



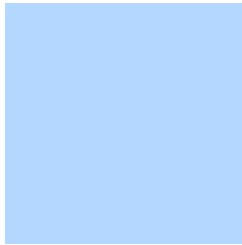
23.4198, 11.8572, 10.8613



2.3350, 1.1764, 1.3457

Previews

White Background



This preview shows how the XYZ color 60.9408, 65.4046, 104.0202 looks on a white background.

Color Contrast Check

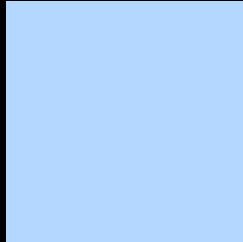
Large Text (above 18pt) WCAG AA × Fail

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 60.9408, 65.4046, 104.0202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

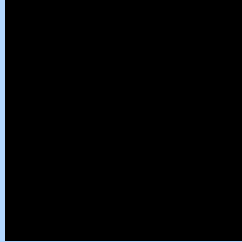
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

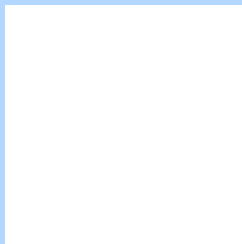
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9408, 65.4046, 104.0202

Background



This preview shows how black text looks on a background with the XYZ color 60.9408, 65.4046, 104.0202.



This preview shows how white text looks on a background with the XYZ color 60.9408, 65.4046,

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

60.9408, 65.4046, 104.0202

Protanopia

64.5702, 65.1225, 100.4335

Deuteranopia

66.6573, 65.4010, 103.7182



Tritanopia

57.8909, 65.3129, 88.9124

Trichromacy



Original Color

60.9408, 65.4046, 104.0202

Protanomaly

63.1131, 65.0861, 101.3319

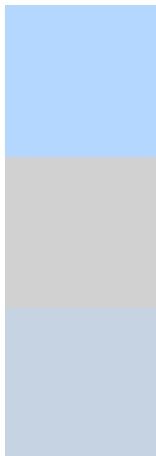
Deuteranomaly

64.3853, 65.3190, 103.8221

Tritanomaly

58.8950, 65.3269, 94.2993

Monochromacy



Original Color

60.9408, 65.4046, 104.0202

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 60.9408, 65.4046, 104.0202 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(179, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9408, 65.4046, 104.0202 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(179, 215, 255) }
```


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

```
.border{ border-color:rgb(179, 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(179, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9408, 65.4046, 104.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 215, 255) }
```

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

```
.background{ background-color: rgb(179,  
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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