

Converting Colors

XYZ(62.4660, 66.3190,
112.9628)

Have a look what the booklet for
XYZ(62.4660, 66.3190, 112.9628)
contains.

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Color

**XYZ(60.7373, 65.6788,
104.0838)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D8FF
RGB	177, 216, 255
RGB Percent	69%, 85%, 100%
CMY	0.3059, 0.1529, 0.0000
CMYK	0.31, 0.15, 0.00, 0.00
HSL	210°, 100%, 85%
HSV	210°, 31%, 100%
XYZ	60.7373, 65.6788, 104.0838
YIQ	208.7850, -35.7630, 3.8610

Conversions

Conversions Part 2

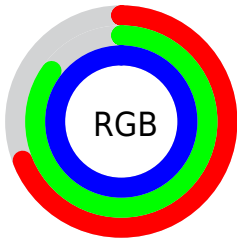
Format	Color
R_{YB}	177, 203, 255
Decimal	11655423
CIE _{Lab}	84.83, -3.95, -23.17
CIE _{LCh}	85, 23.504, 260.314
Yxy	65.6788, 0.2635, 0.2849
Android (android.graphics.Color)	4289845503 (0xFFB1D8FF)
YUV	208.7850, 22.7840, -27.8754
Hunter-Lab	81.0425, -8.0474, -19.4171

Details

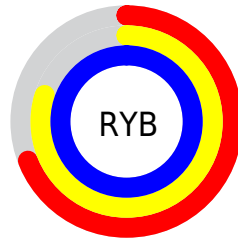
The XYZ color **60.7373, 65.6788, 104.0838** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.7319, 73.5459, 51.9065**, and the grayscale version is **60.3388, 63.4811, 69.1309**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **30.9640, 33.7045, 58.2997** is the 20% darker color. If you saturate the color by 10%, you get **52.3223, 56.6799, 102.7904**, and if you desaturate by 10%, it is **70.4947, 75.7491, 105.5133**.

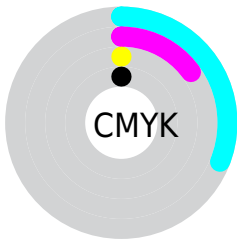
Distribution



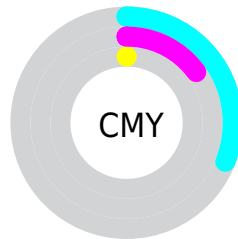
- Red (69%)
- Green (85%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7373, 65.6788, 104.0838 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 60.7373, 65.6788, 104.0838 by changing the saturation by 10% instead.

■ 60.7373, 65.6788,
104.0838

■ 60.7373, 65.6788,
104.0838

417.1015,
445.2273, 594.5660

■ 44.2649, 48.0117,
79.0796

■ 104.9987,
113.0252, 168.8587

■ 31.0776, 33.8362,
58.4396

133.5185,
143.4733, 209.4665

■ 20.8101, 22.7678,
41.7451

166.7848,
178.9505, 256.1125

■ 13.0969, 14.4221,
28.5777

205.1630,
219.8413, 309.2154

■ 7.5728, 8.4148,
18.5187

249.0184,
266.5299, 369.1937

■ 3.8723, 4.3615,
11.1498

298.7163,

■ 1.6302, 1.8778,

319.4009, 436.4658

6.0522

354.6223,
378.8385, 511.4504

■ 0.4119, 0.5350,
2.8076

■ 0.0000, 0.0000,
0.9972

■ 60.7373, 65.6788,
104.0838

■ 60.7373, 65.6788,
104.0838

■ 52.3223, 56.6799,
102.7904

■ 70.4947, 75.7491,
105.5133

■ 45.1778, 48.7022,
101.6271

■ 81.6503, 86.9231,
107.0821

■ 39.2333, 41.7020,
100.5892

■ 94.2634, 99.2408,
108.7949

■ 34.4083, 35.6288,
99.6713

■ 95.0500, 100.0000,
108.9000

■ 30.6112, 30.4258,
98.8671

■ 27.7332, 26.0271,
98.1698

■ 25.7051, 22.5301,
97.6017

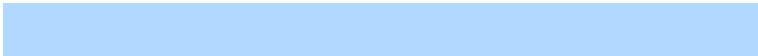
Harmonies

Analogous

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



56.1793, 65.6788, 96.2367



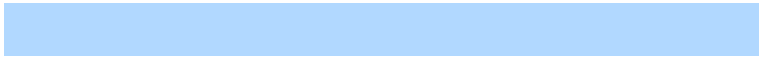
60.7373, 65.6788, 104.0838



66.0082, 65.6788, 102.3081

Triad

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



60.7373, 65.6788, 104.0838



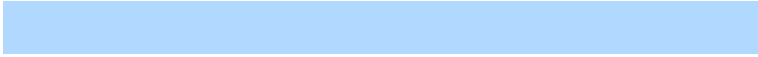
72.4132, 65.6788, 61.9087



54.9518, 65.6788, 54.5444

Complementary

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



60.7373, 65.6788, 104.0838



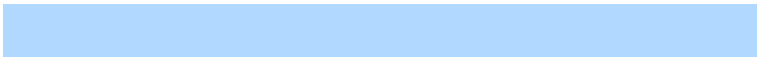
73.7319, 73.5459, 51.9065

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.



58.9753, 65.6788, 47.6154



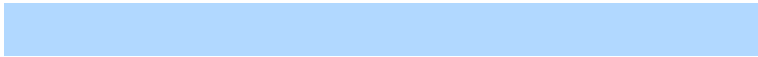
60.7373, 65.6788, 104.0838



69.1188, 65.6788, 51.4340

Square

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



60.7373, 65.6788, 104.0838



72.9506, 65.6788, 76.5047



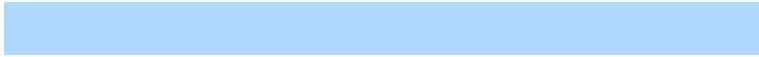
64.1452, 65.6788, 46.5629



52.9652, 65.6788, 66.7434

Rectangle

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



60.7373, 65.6788, 104.0838



69.2100, 65.6788, 95.9875



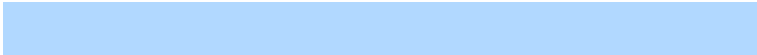
64.1452, 65.6788, 46.5629



56.1000, 65.6788, 51.5984

Sweetspot

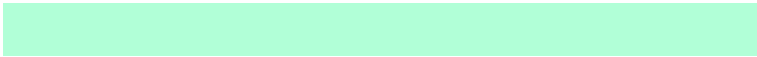
The Sweet Spot groups the original color and five complimentary colors.



60.7392, 65.6813, 104.0842



83.5531, 88.8004, 107.3442



66.1197, 85.7585, 77.1574



17.5101, 18.6383, 22.9246



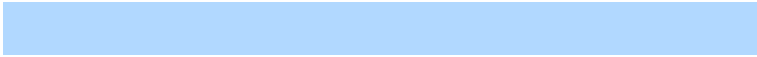
0.0000, 0.0000, 0.0000



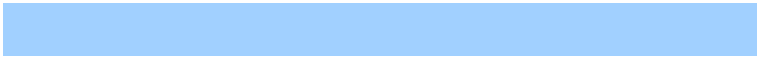
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7392, 65.6813, 104.0842



55.1914, 59.7885, 103.2392



52.1631, 48.5292, 101.2255



17.7535, 18.8785, 22.9582



13.5808, 12.0711, 51.0488



1.4315, 1.3937, 5.0068

Inverse Universe

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



69.3580, 57.6637, 72.4431



65.2878, 51.1732, 65.9998



84.5229, 95.1279, 55.5035



18.3882, 18.1386, 20.6614



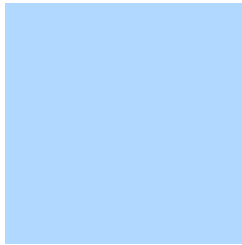
23.6431, 11.9465, 12.0371



2.3572, 1.1852, 1.4623

Previews

White Background



This preview shows how the XYZ color 60.7373, 65.6788, 104.0838 looks on a white background.

Color Contrast Check

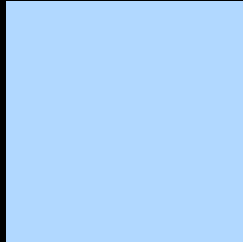
Large Text (above 18pt) WCAG AA × Fail

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 60.7373, 65.6788, 104.0838 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

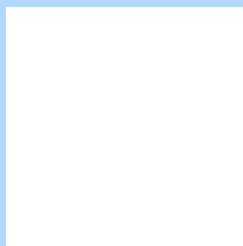
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7373, 65.6788, 104.0838

Background



This preview shows how black text looks on a background with the XYZ color 60.7373, 65.6788, 104.0838.



This preview shows how white text looks on a background with the XYZ color 60.7373, 65.6788,

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

60.7373, 65.6788, 104.0838

Protanopia

64.8417, 65.2625, 100.4462

Deuteranopia

66.6573, 65.4010, 103.7182



Tritanopia

57.8512, 65.6617, 89.7457

Trichromacy



Original Color

60.7373, 65.6788, 104.0838

Protanomaly

63.3623, 65.5846, 101.4150

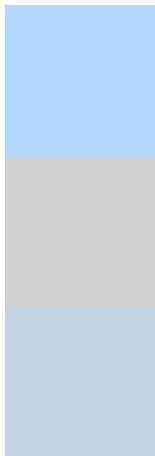
Deuteranomaly

64.1226, 65.1835, 103.8098

Tritanomaly

58.8561, 65.6731, 95.1621

Monochromacy



Original Color

60.7373, 65.6788, 104.0838

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2969, 64.4483, 81.2133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7373, 65.6788, 104.0838 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(177, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 216, 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(177, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.7373, 65.6788, 104.0838 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(177, 216, 255) }
```


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

```
.border{ border-color:rgb(177, 216, 255) }
```

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

Here you see how a box with a 4 pixel rgb(177, 216, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7373, 65.6788, 104.0838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 216, 255) }
```

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

```
.background{ background-color: rgb(177,  
216, 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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