

Converting Colors

XYZ(62.6750, 66.0857,
103.9957)

Have a look what the booklet for
XYZ(62.6750, 66.0857, 103.9957)
contains.

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Color

**XYZ(62.5901, 65.8779,
104.0246)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD6FF
RGB	187, 214, 255
RGB Percent	73%, 84%, 100%
CMY	0.2667, 0.1608, 0.0000
CMYK	0.27, 0.16, 0.00, 0.00
HSL	216°, 100%, 87%
HSV	216°, 27%, 100%
XYZ	62.5901, 65.8779, 104.0246
YIQ	210.6010, -29.2530, 7.0270

Conversions

Conversions Part 2

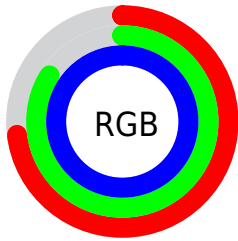
Format	Color
R_{YB}	187, 206, 255
Decimal	12310271
CIE Lab	84.93, -0.06, -22.96
CIE LCh	85, 22.956, 269.856
Yxy	65.8779, 0.2692, 0.2834
Android (android.graphics.Color)	4290500351 (0xFFBBD6FF)
YUV	210.6010, 21.8887, -20.6981
Hunter-Lab	81.1652, -4.3898, -19.1728

Details

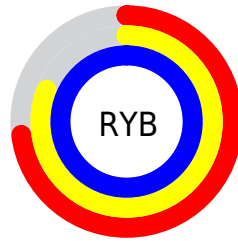
The XYZ color **62.5901, 65.8779, 104.0246** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.9532, 80.3344, 58.4131**, and the grayscale version is **61.5295, 64.7338, 70.4951**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **32.1069, 33.7790, 58.2539** is the 20% darker color. If you saturate the color by 10%, you get **53.1880, 55.5262, 102.5221**, and if you desaturate by 10%, it is **73.4708, 77.5402, 105.7022**.

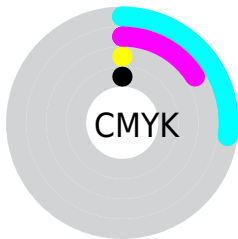
Distribution



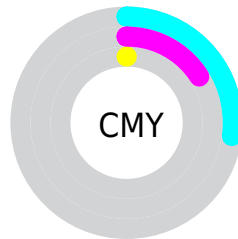
- Red (73%)
- Green (84%)
- Blue (100%)



- Red (73%)
- Yellow (81%)
- Blue (100%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5901, 65.8779, 104.0246 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 62.5901, 65.8779, 104.0246 by changing the saturation by 10% instead.

■ 62.5901, 65.8779,
104.0246

■ 62.5901, 65.8779,
104.0246

423.7637,
445.9401, 594.3768

■ 45.7671, 48.1733,
79.0303

■ 107.6631,
113.3111, 168.7769

■ 32.2659, 33.9641,
58.3993

136.6437,
143.8084, 209.3721

■ 21.7212, 22.8661,
41.7129

170.4077,
179.3388, 256.0046

■ 13.7677, 14.4946,
28.5527

209.3202,
220.2866, 309.0931

■ 8.0399, 8.4655,
18.5000

253.7467,
267.0363, 369.0560

■ 4.1725, 4.3942,
11.1364

304.0526,

■ 1.8002, 1.8964,

319.9721, 436.3119

6.0433

360.6031,
379.4786, 511.2793

■ 0.5178, 0.5462,
2.8022

■ 0.0000, 0.0000,
0.9946

■ 62.5901, 65.8779,
104.0246

■ 62.5901, 65.8779,
104.0246

■ 53.1880, 55.5262,
102.5221

■ 73.4708, 77.5402,
105.7022

■ 45.1902, 46.4271,
101.1873

■ 85.8886, 90.5529,
107.5594

■ 38.5240, 38.5289,
100.0141

95.0500, 100.0000,
108.9000

■ 33.1074, 31.7729,
98.9956

■ 28.8482, 26.0944,
98.1240

■ 25.6398, 21.4201,
97.3909

■ 23.3502, 17.6624,
96.7862

■ 22.7288, 16.5775,
96.6096

Harmonies

Analogous

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



57.7684, 65.8779, 99.1836



62.5901, 65.8779, 104.0246



67.6799, 65.8779, 99.2721

Triad

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



62.5901, 65.8779, 104.0246



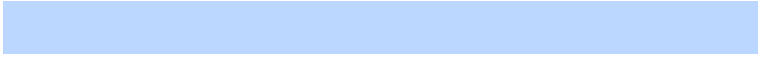
71.6104, 65.8779, 58.5063



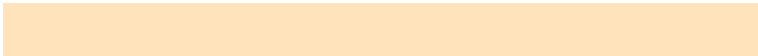
54.4290, 65.8779, 58.3987

Complementary

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



62.5901, 65.8779, 104.0246



77.9532, 80.3344, 58.4131

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.



57.8092, 65.8779, 49.8205



62.5901, 65.8779, 104.0246



67.7253, 65.8779, 49.8763

Square

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



62.5901, 65.8779, 104.0246



73.0586, 65.8779, 71.8011



62.6398, 65.8779, 46.9238



53.2173, 65.8779, 71.6586

Rectangle

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



62.5901, 65.8779, 104.0246



70.5013, 65.8779, 91.6309



62.6398, 65.8779, 46.9238



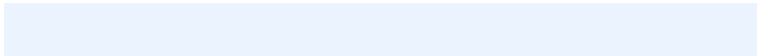
55.3398, 65.8779, 54.9415

Sweetspot

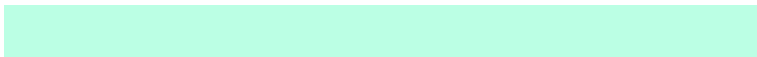
The Sweet Spot groups the original color and five complimentary colors.



62.5920, 65.8804, 104.0250



84.1401, 88.7363, 107.3009



70.2304, 87.6756, 86.4758



17.5948, 18.5613, 22.9053



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.



62.5920, 65.8804, 104.0250



57.3960, 60.1975, 103.2019



58.0187, 54.2054, 102.0125



17.5948, 18.5613, 22.9053



12.0121, 8.9337, 50.5259



1.2727, 1.0761, 4.9539

Inverse Universe

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



71.1492, 61.6573, 71.7722



67.3770, 55.7474, 65.4760



83.5125, 95.1011, 60.9704



18.3081, 18.1066, 20.2398



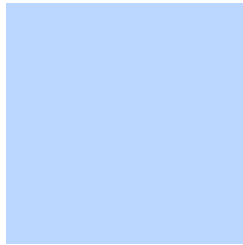
22.8513, 11.6298, 7.8675



2.2770, 1.1532, 1.0402

Previews

White Background



This preview shows how the XYZ color 62.5901, 65.8779, 104.0246 looks on a white background.

Color Contrast Check

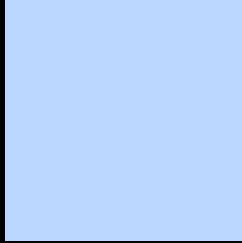
Large Text (above 18pt) WCAG AA × Fail

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 62.5901, 65.8779, 104.0246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

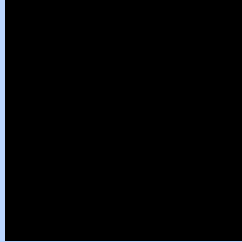
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

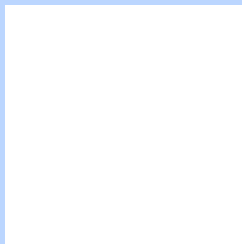
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5901, 65.8779, 104.0246

Background



This preview shows how black text looks on a background with the XYZ color 62.5901, 65.8779, 104.0246.



This preview shows how white text looks on a background with the XYZ color 62.5901, 65.8779,

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

62.5901, 65.8779, 104.0246

Protanopia

65.2459, 65.8180, 101.3608

Deuteranopia

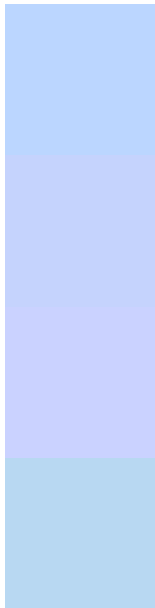
66.9412, 65.5473, 103.7315



Tritanopia

59.3367, 65.6911, 88.1495

Trichromacy



Original Color

62.5901, 65.8779, 104.0246

Protanomaly

64.0498, 65.5507, 102.2053

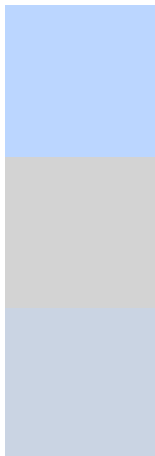
Deuteranomaly

65.4537, 65.8697, 103.8721

Tritanomaly

60.3500, 65.7129, 93.5075

Monochromacy



Original Color

62.5901, 65.8779, 104.0246

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7657, 65.1896, 82.0005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5901, 65.8779, 104.0246 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(187, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 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(187, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.5901, 65.8779, 104.0246 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(187, 214, 255) }
```


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

```
.border{ border-color:rgb(187, 214, 255) }
```

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

Here you see how a box with a 4 pixel rgb(187, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5901, 65.8779, 104.0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 255) }
```

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

```
.background{ background-color: rgb(187,  
214, 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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