

Converting Colors

XYZ(62.8198, 65.4582, 98.0493)

Have a look what the booklet for
XYZ(62.8198, 65.4582, 98.0493)
contains.

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Color

**XYZ(62.7349, 65.3336,
98.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D4F8
RGB	194, 212, 248
RGB Percent	76%, 83%, 97%
CMY	0.2392, 0.1686, 0.0274
CMYK	0.22, 0.15, 0.00, 0.03
HSL	220°, 79%, 87%
HSV	220°, 22%, 97%
XYZ	62.7349, 65.3336, 98.1111
YIQ	210.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

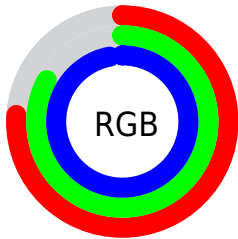
Format	Color
R_{YB}	194, 208, 248
Decimal	12768504
CIE _{Lab}	84.66, 1.48, -19.63
CIE _{LCh}	85, 19.686, 274.309
Yxy	65.3336, 0.2774, 0.2889
Android (android.graphics.Color)	4290958584 (0xFFC2D4F8)
YUV	210.7220, 18.3781, -14.6652
Hunter-Lab	80.8292, -2.9098, -15.3862

Details

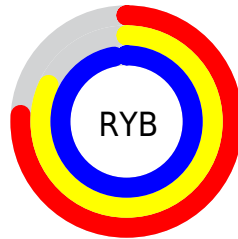
The XYZ color **62.7349, 65.3336, 98.1111** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.7465, 80.4454, 62.5231**, and the grayscale version is **61.6283, 64.8378, 70.6083**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.5565, 33.8349, 54.6841** is the 20% darker color. If you saturate the color by 10%, you get **52.9702, 54.4769, 96.5313**, and if you desaturate by 10%, it is **73.9890, 77.5896, 99.8847**.

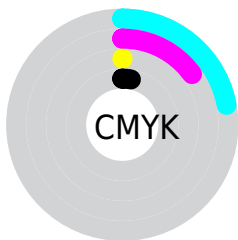
Distribution



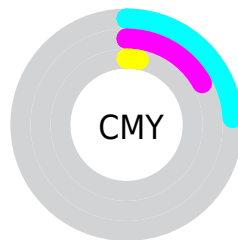
- Red (76%)
- Green (83%)
- Blue (97%)



- Red (76%)
- Yellow (82%)
- Blue (97%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7349, 65.3336, 98.1111 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 62.7349, 65.3336, 98.1111 by changing the saturation by 10% instead.

■ 62.7349, 65.3336,
98.1111

■ 62.7349, 65.3336,
98.1111

424.2817,
443.9898, 575.3144

■ 45.8846, 47.7316,
74.1159

■ 107.8709,
112.5293, 160.5881

■ 32.3590, 33.6144,
54.3916

136.8874,
142.8919, 199.9071

■ 21.7927, 22.5975,
38.5195

170.6899,
178.2768, 245.1710

■ 13.8204, 14.2966,
26.0812

209.6440,
219.0684, 296.7984

■ 8.0767, 8.3273,
16.6581

254.1148,
265.6511, 355.2080

■ 4.1963, 4.3051,
9.8316

304.4678,

■ 1.8138, 1.8456,

318.4093, 420.8181

5.1833

361.0683,
377.7274, 494.0474

■ 0.5260, 0.5154,
2.2946

■ 0.0000, 0.0000,
0.7282

■ 62.7349, 65.3336,
98.1111

■ 62.7349, 65.3336,
98.1111

■ 52.9702, 54.4769,
96.5313

■ 73.9890, 77.5896,
99.8847

■ 44.6235, 44.9589,
95.1340

■ 86.7875, 91.2863,
101.8538

■ 37.6263, 36.7263,
93.9138

■ 93.9435, 99.5574,
103.0732

■ 31.9018, 29.7188,
92.8629

■ 27.3648, 23.8703,
91.9732

■ 23.9185, 19.1077,
91.2355

■ 21.4484, 15.3467,
90.6398

■ 20.0120, 12.9145,
90.2460

Harmonies

Analogous

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



58.5047, 65.3336, 95.2588



62.7349, 65.3336, 98.1111



66.9851, 65.3336, 93.0661

Triad

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



62.7349, 65.3336, 98.1111



69.3448, 65.3336, 58.3457



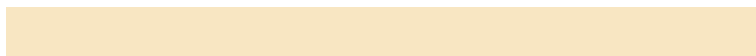
54.7875, 65.3336, 61.1499

Complementary

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



62.7349, 65.3336, 98.1111



76.7465, 80.4454, 62.5231

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.



57.4539, 65.3336, 52.9557



62.7349, 65.3336, 98.1111



65.8347, 65.3336, 51.4757

Square

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



62.7349, 65.3336, 98.1111



70.9139, 65.3336, 69.3337



61.4647, 65.3336, 49.6246



54.0442, 65.3336, 72.9716

Rectangle

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



62.7349, 65.3336, 98.1111



69.2190, 65.3336, 86.2163



61.4647, 65.3336, 49.6246



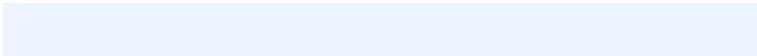
55.4822, 65.3336, 57.9276

Sweetspot

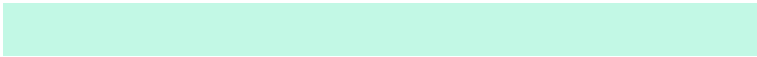
The Sweet Spot groups the original color and five complimentary colors.



62.7369, 65.3363, 98.1126



85.1059, 89.4118, 107.3804



69.9738, 84.2682, 86.7807



18.0410, 18.9501, 22.9568



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.



62.7369, 65.3363, 98.1126



62.2071, 64.4909, 103.7771



60.6208, 57.9331, 96.7952



16.7558, 17.5884, 21.8971



10.9251, 7.2058, 48.7886



1.1050, 0.8537, 4.5497

Inverse Universe

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



69.8885, 63.2952, 70.8239



71.1062, 62.2195, 69.7601



79.2075, 89.5388, 64.1486



17.4833, 17.3207, 19.1346



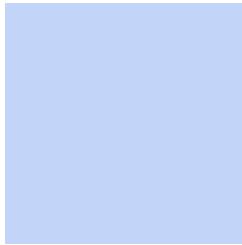
21.8065, 11.1383, 5.6896



2.0667, 1.0504, 0.7746

Previews

White Background



This preview shows how the XYZ color 62.7349, 65.3336, 98.1111 looks on a white background.

Color Contrast Check

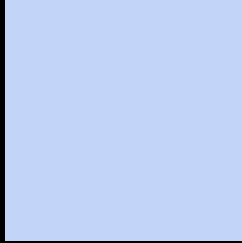
Large Text (above 18pt) WCAG AA × Fail

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 62.7349, 65.3336, 98.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

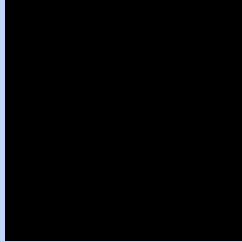
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7349, 65.3336, 98.1111

Background



This preview shows how black text looks on a background with the XYZ color 62.7349, 65.3336, 98.1111.



This preview shows how white text looks on a background with the XYZ color 62.7349, 65.3336,

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

62.7349, 65.3336, 98.1111

Protanopia

64.3369, 65.0921, 96.3619

Deuteranopia

66.6108, 65.1283, 98.6828



Tritanopia

60.3518, 65.5034, 85.8065

Trichromacy



Original Color

62.7349, 65.3336, 98.1111

Protanomaly

63.6545, 65.0879, 97.2040

Deuteranomaly

65.1084, 65.0731, 98.7513

Tritanomaly

61.2174, 65.4726, 90.2999

Monochromacy



Original Color

62.7349, 65.3336, 98.1111

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9256, 64.9495, 79.7937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7349, 65.3336, 98.1111 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(194, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(194, 212, 248)  
}
```

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(194, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 212, 248) }
```

Border

The CSS property to change the border of an element to XYZ 62.7349, 65.3336, 98.1111 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(194, 212, 248) }
```


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

```
.border{ border-color:rgb(194, 212, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 212, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(194, 212,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7349, 65.3336, 98.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 212, 248) }
```

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

```
.background{ background-color: rgb(194,  
212, 248) }
```

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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