

Converting Colors

XYZ(67.1353, 62.9920,
117.4989)

Have a look what the booklet for
XYZ(67.1353, 62.9920, 117.4989)
contains.

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Color

**XYZ(64.4364, 61.7940,
103.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC8FF
RGB	207, 200, 255
RGB Percent	81%, 78%, 100%
CMY	0.1882, 0.2157, 0.0000
CMYK	0.19, 0.22, 0.00, 0.00
HSL	248°, 100%, 89%
HSV	248°, 22%, 100%
XYZ	64.4364, 61.7940, 103.1390
YIQ	208.3630, -13.4830, 18.5890

Conversions

Conversions Part 2

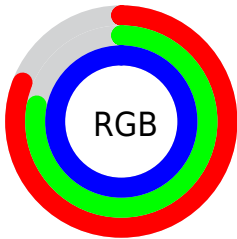
Format	Color
R_{YB}	207, 200, 255
Decimal	13617407
CIE _{Lab}	82.80, 13.36, -26.07
CIE _{LCh}	83, 29.293, 297.137
Yxy	61.7940, 0.2809, 0.2694
Android (android.graphics.Color)	4291807487 (0xFFCFC8FF)
YUV	208.3630, 22.9920, -1.1954
Hunter-Lab	78.6092, 8.7515, -22.7649

Details

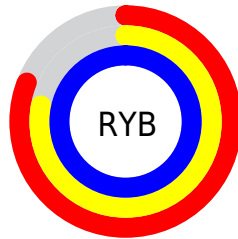
The XYZ color **64.4364, 61.7940, 103.1390** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8980, 95.6472, 68.6336**, and the grayscale version is **60.0530, 63.1804, 68.8035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4208, 31.3104, 57.7081** is the 20% darker color. If you saturate the color by 10%, you get **53.2304, 47.9703, 101.0614**, and if you desaturate by 10%, it is **77.5073, 78.0441, 105.5867**.

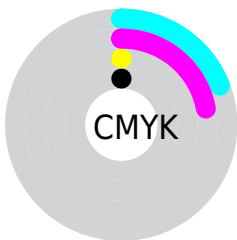
Distribution



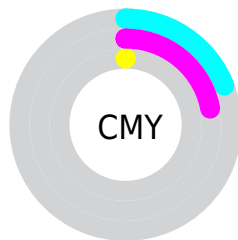
- Red (81%)
- Green (78%)
- Blue (100%)



- Red (81%)
- Yellow (78%)
- Blue (100%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4364, 61.7940, 103.1390 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 64.4364, 61.7940, 103.1390 by changing the saturation by 10% instead.

■ 64.4364, 61.7940,
103.1390

■ 64.4364, 61.7940,
103.1390

430.3412,
431.1793, 591.5428

■ 47.2672, 44.8663,
78.2932

110.3094,
107.4277, 167.5536

■ 33.4558, 31.3521,
57.7970

139.7440,
136.9026, 207.9595

■ 22.6367, 20.8671,
41.2318

173.9977,
171.3285, 254.3891

■ 14.4447, 13.0269,
28.1792

213.4359,
211.0900, 307.2611

■ 8.5144, 7.4471,
18.2206

258.4240,
256.5714, 366.9939

■ 4.4804, 3.7432,
10.9374

309.3273,

■ 1.9773, 1.5310,

308.1572, 434.0061

5.9111

366.5113,
366.2317, 508.7162

■ 0.6212, 0.3104,
2.7232

■ 0.0000, 0.0000,
0.9551

■ 64.4364, 61.7940,
103.1390

■ 64.4364, 61.7940,
103.1390

■ 53.2304, 47.9703,
101.0614

■ 77.5073, 78.0441,
105.5867

■ 43.7986, 36.4494,
99.3347

■ 92.5173, 96.8219,
108.4200

■ 36.0509, 27.1075,
97.9399

■ 95.0500, 100.0000,
108.9000

■ 29.8868, 19.8065,
96.8556

■ 25.1952, 14.3922,
96.0578

■ 21.8502, 10.6883,
95.5192

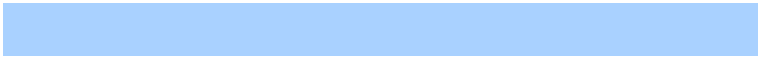
■ 19.7037, 8.4845,
95.2069

■ 18.6597, 7.5343,
95.0785

Harmonies

Analogous

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



58.1300, 61.7940, 108.2429



64.4364, 61.7940, 103.1390



69.5127, 61.7940, 87.9294

Triad

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



64.4364, 61.7940, 103.1390



65.5582, 61.7940, 42.1370



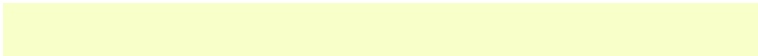
47.4416, 61.7940, 65.5643

Complementary

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



64.4364, 61.7940, 103.1390



84.8980, 95.6472, 68.6336

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.



49.1303, 61.7940, 50.1517



64.4364, 61.7940, 103.1390



59.3408, 61.7940, 38.2303

Square

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



64.4364, 61.7940, 103.1390



70.1922, 61.7940, 52.6611



53.3771, 61.7940, 40.8806



48.5948, 61.7940, 84.3886

Rectangle

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



64.4364, 61.7940, 103.1390



71.3585, 61.7940, 75.3098



53.3771, 61.7940, 40.8806



47.6927, 61.7940, 59.8482

Sweetspot

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



64.4382, 61.7964, 103.1394



85.6187, 88.1785, 107.1153



75.6178, 86.9944, 107.4139



18.1155, 18.6105, 22.8873



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.



64.4382, 61.7964, 103.1394



59.2448, 55.3750, 102.1736



72.6103, 66.0093, 103.5218



17.2178, 17.4885, 22.7181



9.8162, 3.9709, 49.6837



1.0199, 0.4197, 4.8405

Inverse Universe

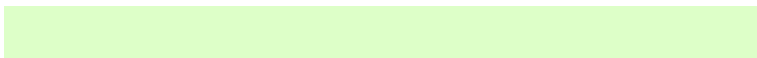
The Inverse Universe completely reimagines the original color for something new.



78.8389, 69.3481, 98.0389



76.0943, 64.2147, 96.0271



76.0309, 91.0760, 68.2186



18.6873, 18.2582, 22.2365



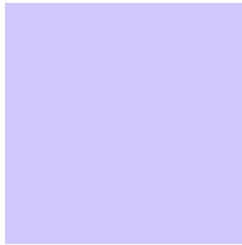
28.5159, 13.8957, 37.6968



2.8031, 1.3636, 3.8106

Previews

White Background



This preview shows how the XYZ color 64.4364, 61.7940, 103.1390 looks on a white background.

Color Contrast Check

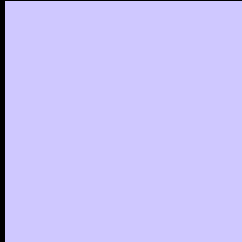
Large Text (above 18pt) WCAG AA × Fail

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 64.4364, 61.7940, 103.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

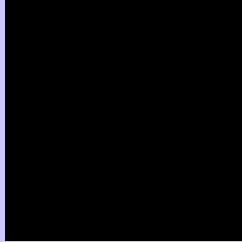
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4364, 61.7940, 103.1390

Background



This preview shows how black text looks on a background with the XYZ color 64.4364, 61.7940, 103.1390.

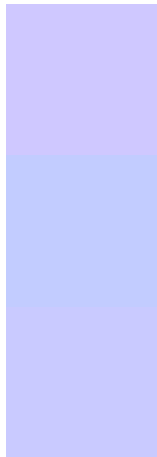


This preview shows how white text looks on a background with the XYZ color 64.4364, 61.7940,

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

64.4364, 61.7940, 103.1390

Protanopia

61.8910, 61.8751, 103.2888

Deuteranopia

63.2579, 61.8786, 103.2174



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

64.4364, 61.7940, 103.1390

Protanomaly

62.9591, 62.0740, 103.2709

Deuteranomaly

63.5652, 61.6898, 103.1648

Tritanomaly

61.0728, 61.8228, 86.5560

Monochromacy



Original Color

64.4364, 61.7940, 103.1390

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4344, 62.5088, 80.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4364, 61.7940, 103.1390 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(207, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 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(207, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.4364, 61.7940, 103.1390 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(207, 200, 255) }
```


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

```
.border{ border-color:rgb(207, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4364, 61.7940, 103.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 255) }
```

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

```
.background{ background-color: rgb(207,  
200, 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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