

Converting Colors

XYZ(64.1129, 63.0822,
100.4462)

Have a look what the booklet for
XYZ(64.1129, 63.0822, 100.4462)
contains.

XYZ(63.9073, 62.9881, 100.0564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9073, 62.9881,
100.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCFB
RGB	204, 204, 251
RGB Percent	80%, 80%, 98%
CMY	0.2000, 0.2000, 0.0157
CMYK	0.19, 0.19, 0.00, 0.02
HSL	240°, 85%, 89%
HSV	240°, 19%, 98%
XYZ	63.9073, 62.9881, 100.0564
YIQ	209.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

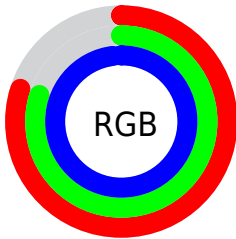
Format	Color
RYB	204, 204, 251
Decimal	13421819
CIELab	83.44, 9.43, -23.00
CIELCh	83, 24.859, 292.292
Yxy	62.9881, 0.2816, 0.2775
Android (android.graphics.Color)	4291611899 (0xFFCCCCFB)
YUV	209.3580, 20.5295, -4.6990
Hunter-Lab	79.3650, 4.8452, -19.1920

Details

The XYZ color **63.9073, 62.9881, 100.0564** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1806, 93.8633, 70.7564**, and the grayscale version is **60.7168, 63.8788, 69.5640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0384, 32.0973, 55.4930** is the 20% darker color. If you saturate the color by 10%, you get **52.0818, 48.7394, 97.9304**, and if you desaturate by 10%, it is **77.8067, 79.7360, 102.5575**.

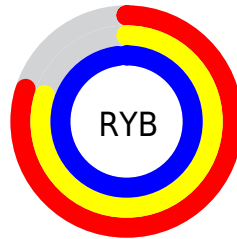
Distribution



Red (80%)

Green (80%)

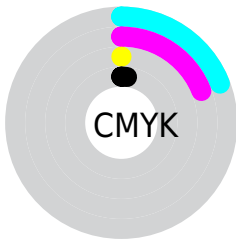
Blue (98%)



Red (80%)

Yellow (80%)

Blue (98%)

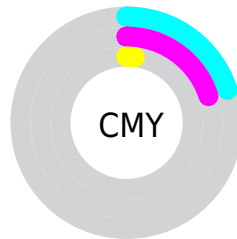


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9073, 62.9881, 100.0564 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 63.9073, 62.9881, 100.0564 by changing the saturation by 10% instead.

■ 63.9073, 62.9881,
100.0564

■ 63.9073, 62.9881,
100.0564

428.4623,
435.5263, 581.6217

■ 46.8370, 45.8316,
75.7305

109.5519,
109.1523, 163.2872

■ 33.1142, 32.1129,
55.7062

138.8569,
138.9289, 203.0293

■ 22.3736, 21.4478,
39.5650

172.9709,
173.6808, 248.7471

■ 14.2498, 13.4517,
26.8883

212.2591,
213.7926, 300.8592

■ 8.3775, 7.7403,
17.2577

257.0871,
259.6487, 359.7842

■ 4.3913, 3.9292,
10.2545

307.8200,

■ 1.9258, 1.6341,

311.6334, 425.9405

5.4602

364.8233,
370.1311, 499.7469

■ 0.5918, 0.3804,
2.4563

■ 0.0000, 0.0000,
0.8169

■ 63.9073, 62.9881,
100.0564

■ 63.9073, 62.9881,
100.0564

■ 52.0818, 48.7394,
97.9304

■ 77.8067, 79.7360,
102.5575

■ 42.2252, 36.8629,
96.1575

■ 93.8664, 99.0867,
105.4461

■ 34.2326, 27.2323,
94.7199

■ 94.4128, 99.7451,
105.5444

■ 27.9865, 19.7062,
93.5964

■ 23.3566, 14.1274,
92.7636

■ 20.1940, 10.3166,
92.1947

■ 18.3226, 8.0615,
91.8581

■ 17.4877, 7.0555,
91.7079

■ 17.4129, 6.9653,
91.6945

Harmonies

Analogous

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



58.4819, 62.9881, 102.5989



63.9073, 62.9881, 100.0564



68.4935, 62.9881, 88.4970

Triad

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



63.9073, 62.9881, 100.0564



66.4685, 62.9881, 47.5849



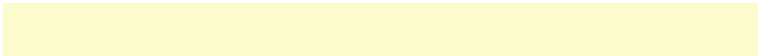
50.1273, 62.9881, 64.6591

Complementary

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



63.9073, 62.9881, 100.0564



85.1806, 93.8633, 70.7564

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.



51.9994, 62.9881, 51.9063



63.9073, 62.9881, 100.0564



61.2764, 62.9881, 43.0638

Square

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



63.9073, 62.9881, 100.0564



70.0333, 62.9881, 57.8778



56.0032, 62.9881, 44.5171



50.7378, 62.9881, 80.5338

Rectangle

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



63.9073, 62.9881, 100.0564



70.3502, 62.9881, 78.0639



56.0032, 62.9881, 44.5171



50.4830, 62.9881, 59.9032

Sweetspot

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



63.9093, 62.9907, 100.0578



84.9554, 87.8368, 107.0843



76.6897, 88.7487, 103.7100



17.9594, 18.5301, 22.8801



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.



63.9093, 62.9907, 100.0578



61.9775, 60.1502, 102.9513



70.5962, 66.4373, 100.3707



16.2832, 16.6432, 21.7395



9.1528, 3.6612, 48.1978



0.8477, 0.3391, 4.4640

Inverse Universe

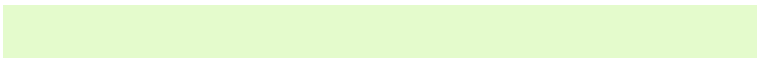
The Inverse Universe completely reimagines the original color for something new.



72.2772, 68.0563, 66.4563



71.9378, 66.1798, 62.9556



77.4825, 89.8956, 70.3963



17.2447, 17.2252, 17.8784



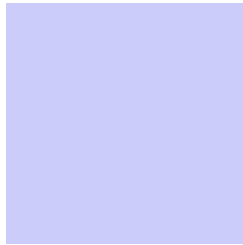
20.9120, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 63.9073, 62.9881, 100.0564 looks on a white background.

Color Contrast Check

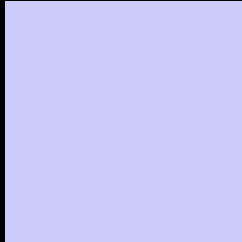
Large Text (above 18pt) WCAG AA × Fail

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 63.9073, 62.9881, 100.0564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

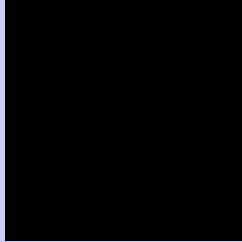
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9073, 62.9881, 100.0564

Background



This preview shows how black text looks on a background with the XYZ color 63.9073, 62.9881, 100.0564.

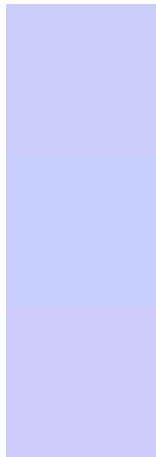


This preview shows how white text looks on a background with the XYZ color 63.9073, 62.9881,

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

63.9073, 62.9881, 100.0564

Protanopia

62.6680, 63.0412, 100.9607

Deuteranopia

64.2221, 62.7987, 100.0033



Tritanopia

59.9443, 63.1793, 80.2696

Trichromacy



Original Color

63.9073, 62.9881, 100.0564

Protanomaly

63.2214, 62.9703, 100.9178

Deuteranomaly

63.9454, 62.6560, 99.9903

Tritanomaly

61.2515, 62.9837, 86.7707

Monochromacy



Original Color

63.9073, 62.9881, 100.0564

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4995, 63.2729, 79.4925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9073, 62.9881, 100.0564 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(204, 204, 251)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 251)  
}
```

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(204, 204, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 251) }
```

Border

The CSS property to change the border of an element to XYZ 63.9073, 62.9881, 100.0564 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(204, 204, 251) }
```


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

```
.border{ border-color:rgb(204, 204, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 251);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9073, 62.9881, 100.0564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 251) }
```

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

```
.background{ background-color: rgb(204,  
204, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor