

Converting Colors

XYZ(64.6703, 67.9400, 93.7097)

Have a look what the booklet for
XYZ(64.6703, 67.9400, 93.7097)
contains.

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Color

**XYZ(64.6703, 67.9400,
93.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D8F2
RGB	201, 216, 242
RGB Percent	79%, 85%, 95%
CMY	0.2118, 0.1529, 0.0510
CMYK	0.17, 0.11, 0.00, 0.05
HSL	218°, 61%, 87%
HSV	218°, 17%, 95%
XYZ	64.6703, 67.9400, 93.7097
YIQ	214.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

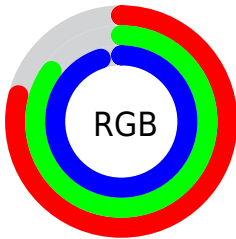
Format	Color
R _Y B	201, 212, 242
Decimal	13228274
CIE Lab	85.98, 0.22, -14.42
CIE LCh	86, 14.421, 270.859
Yxy	67.9400, 0.2857, 0.3002
Android (android.graphics.Color)	4291418354 (0xFFC9D8F2)
YUV	214.4790, 13.5679, -11.8211
Hunter-Lab	82.4257, -4.1959, -9.7087

Details

The XYZ color **64.6703, 67.9400, 93.7097** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.6303, 78.0326, 66.3883**, and the grayscale version is **64.1606, 67.5019, 73.5096**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6404, 35.2380, 51.4829** is the 20% darker color. If you saturate the color by 10%, you get **54.9211, 57.3495, 92.1805**, and if you desaturate by 10%, it is **75.8157, 79.7988, 95.4123**.

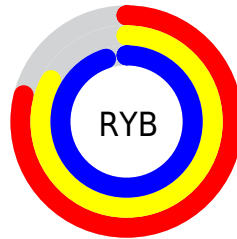
Distribution



Red (79%)

Green (85%)

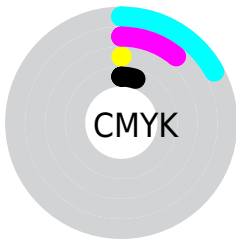
Blue (95%)



Red (79%)

Yellow (83%)

Blue (95%)

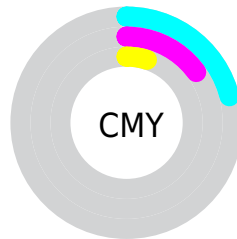


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6703, 67.9400, 93.7097 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 64.6703, 67.9400, 93.7097 by changing the saturation by 10% instead.

■ 64.6703, 67.9400,
93.7097

■ 64.6703, 67.9400,
93.7097

431.1702,
453.2834, 560.9044

■ 47.4575, 49.8489,
70.4706

110.6441,
116.2663, 154.4610

■ 33.6069, 35.2934,
51.4311

140.1357,
147.2703, 192.8103

■ 22.7533, 23.8890,
36.1727

174.4511,
183.3474, 237.0333

■ 14.5311, 15.2513,
24.2769

213.9554,
224.8821, 287.5487

■ 8.5751, 8.9959,
15.3250

259.0142,
272.2586, 344.7750

■ 4.5200, 4.7385,
8.8987

309.9926,

■ 2.0003, 2.0947,

325.8614, 409.1306

4.5792

367.2562,
386.0748, 481.0343

■ 0.6341, 0.6616,
1.9482

■ 0.0000, 0.0000,
0.5231

■ 64.6703, 67.9400,
93.7097

■ 64.6703, 67.9400,
93.7097

■ 54.9211, 57.3495,
92.1805

■ 75.8157, 79.7988,
95.4123

■ 46.5040, 47.9742,
90.8145

■ 88.4054, 92.9597,
97.2891

■ 39.3589, 39.7693,
89.6074

■ 93.0272, 99.1909,
98.2482

■ 33.4185, 32.6838,
88.5528

■ 28.6087, 26.6626,
87.6441

■ 24.8464, 21.6447,
86.8739

■ 22.0355, 17.5614,
86.2338

■ 20.0557, 14.3302,
85.7145

■ 19.5623, 13.4811,
85.5766

Harmonies

Analogous

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



61.5290, 67.9400, 91.0404



64.6703, 67.9400, 93.7097



67.8903, 67.9400, 90.7272

Triad

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



64.6703, 67.9400, 93.7097



70.1862, 67.9400, 65.0255



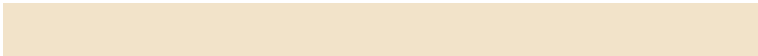
59.1810, 67.9400, 65.4603

Complementary

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



64.6703, 67.9400, 93.7097



74.6303, 78.0326, 66.3883

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.



61.3693, 67.9400, 59.4235



64.6703, 67.9400, 93.7097



67.7197, 67.9400, 59.1879

Square

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



64.6703, 67.9400, 93.7097



71.1410, 67.9400, 73.7025



64.4797, 67.9400, 57.2260



58.4259, 67.9400, 74.2484

Rectangle

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



64.6703, 67.9400, 93.7097



69.6311, 67.9400, 86.0706



64.4797, 67.9400, 57.2260



59.7696, 67.9400, 63.0695

Sweetspot

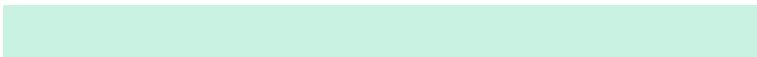
The Sweet Spot groups the original color and five complimentary colors.



64.6723, 67.9428, 93.7112



87.9887, 92.6113, 107.8460



69.7015, 81.4673, 84.7014



18.6279, 19.6068, 23.0526



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.



64.6723, 67.9428, 93.7112



69.2491, 72.6520, 104.9812



62.4985, 61.3745, 92.5580



15.3708, 16.1758, 20.0337



10.6278, 7.4798, 46.0115



0.9758, 0.8056, 3.8583

Inverse Universe

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



69.9010, 65.6101, 73.9486



76.1065, 69.7552, 79.0258



77.0655, 85.6469, 67.7297



16.0119, 15.8545, 17.6187



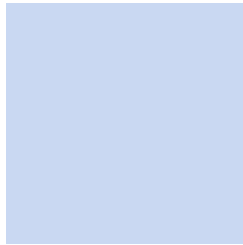
20.6900, 10.5484, 6.2843



1.7675, 0.8960, 0.7665

Previews

White Background



This preview shows how the XYZ color 64.6703, 67.9400, 93.7097 looks on a white background.

Color Contrast Check

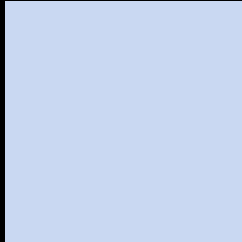
Large Text (above 18pt) WCAG AA × Fail

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 64.6703, 67.9400, 93.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

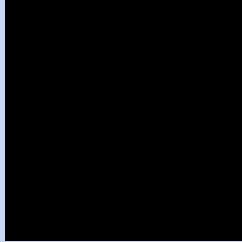
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6703, 67.9400, 93.7097

Background



This preview shows how black text looks on a background with the XYZ color 64.6703, 67.9400, 93.7097.



This preview shows how white text looks on a background with the XYZ color 64.6703, 67.9400,

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

64.6703, 67.9400, 93.7097

Protanopia

66.3864, 67.7287, 92.0121

Deuteranopia

69.1023, 67.6016, 94.2003



Tritanopia

63.6277, 67.9032, 88.3504

Trichromacy



Original Color

64.6703, 67.9400, 93.7097

Protanomaly

65.6559, 67.7094, 92.8279

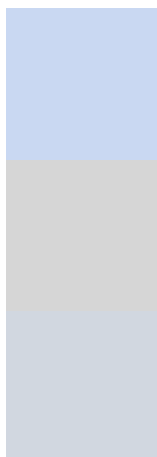
Deuteranomaly

67.4527, 67.8542, 94.3360

Tritanomaly

64.0649, 68.0781, 90.6527

Monochromacy



Original Color

64.6703, 67.9400, 93.7097

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0495, 67.5380, 80.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6703, 67.9400, 93.7097 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(201, 216, 242)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 242)  
}
```

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(201, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 64.6703, 67.9400, 93.7097 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(201, 216, 242) }
```


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

```
.border{ border-color:rgb(201, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 242);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6703, 67.9400, 93.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 242) }
```

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

```
.background{ background-color: rgb(201,  
216, 242) }
```

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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