

Converting Colors

XYZ(69.5338, 70.5730,
104.5649)

Have a look what the booklet for
XYZ(69.5338, 70.5730, 104.5649)
contains.

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Color

**XYZ(69.4412, 70.5473,
104.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D9FF
RGB	210, 217, 255
RGB Percent	82%, 85%, 100%
CMY	0.1765, 0.1490, 0.0000
CMYK	0.18, 0.15, 0.00, 0.00
HSL	231°, 100%, 91%
HSV	231°, 18%, 100%
XYZ	69.4412, 70.5473, 104.5648
YIQ	219.2390, -16.3700, 10.3340

Conversions

Conversions Part 2

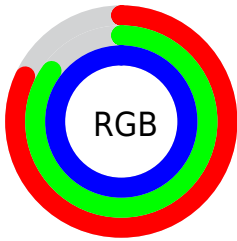
Format	Color
R _{YB}	210, 216, 255
Decimal	13818367
CIE Lab	87.26, 5.22, -19.28
CIE LCh	87, 19.973, 285.158
Yxy	70.5473, 0.2840, 0.2885
Android (android.graphics.Color)	4292008447 (0xFFD2D9FF)
YUV	219.2390, 17.6302, -8.1026
Hunter-Lab	83.9924, 0.5891, -15.0173

Details

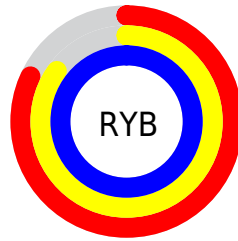
The XYZ color **69.4412, 70.5473, 104.5648** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4400, 93.0469, 74.3785**, and the grayscale version is **67.3891, 70.8985, 77.2085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6309, 36.8864, 58.6152** is the 20% darker color. If you saturate the color by 10%, you get **57.5590, 56.7149, 102.5211**, and if you desaturate by 10%, it is **83.2082, 86.4299, 106.9048**.

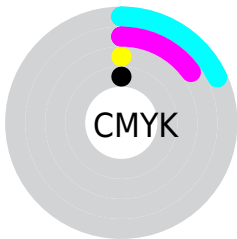
Distribution



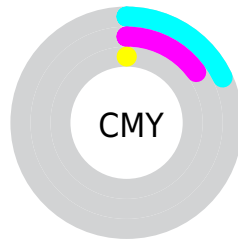
- Red (82%)
- Green (85%)
- Blue (100%)



- Red (82%)
- Yellow (85%)
- Blue (100%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4412, 70.5473, 104.5648 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 69.4412, 70.5473, 104.5648 by changing the saturation by 10% instead.

■ 69.4412, 70.5473,
104.5648

■ 69.4412, 70.5473,
104.5648

447.8826,
462.4693, 596.1020

■ 51.3491, 51.9728,
79.4802

117.4421,
119.9889, 169.5226

■ 36.7086, 36.9834,
58.7670

148.0817,
151.6249, 210.2329

■ 25.1546, 25.1947,
42.0068

183.6343,
188.3834, 256.9889

■ 16.3216, 16.2221,
28.7810

224.4655,
230.6490, 310.2090

■ 9.8443, 9.6815,
18.6711

270.9406,
278.8060, 370.3118

■ 5.3573, 5.1883,
11.2585

323.4249,

■ 2.4953, 2.3582,

333.2388, 437.7159

6.1246

382.2838,
394.3318, 512.8398

■ 0.8929, 0.8042,
2.8510

■ 0.0000, 0.0000,
1.0191

■ 69.4412, 70.5473,
104.5648

■ 69.4412, 70.5473,
104.5648

■ 57.5590, 56.7149,
102.5211

■ 83.2082, 86.4299,
106.9048

■ 47.4732, 44.8403,
100.7607

95.0500, 100.0000,
108.9000

■ 39.0971, 34.8369,
99.2713

■ 32.3344, 26.6078,
98.0393

■ 27.0790, 20.0474,
97.0501

■ 23.2118, 15.0386,
96.2871

■ 20.5950, 11.4485,
95.7320

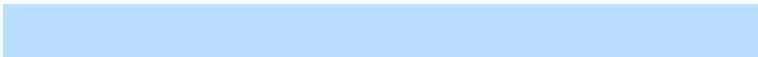
■ 19.0540, 9.1164,
95.3631

■ 18.7980, 8.7161,
95.2993

Harmonies

Analogous

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



64.7675, 70.5473, 104.6102



69.4412, 70.5473, 104.5648



73.6592, 70.5473, 96.5229

Triad

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



69.4412, 70.5473, 104.5648



73.6216, 70.5473, 59.9035



58.7008, 70.5473, 70.3808

Complementary

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



69.4412, 70.5473, 104.5648



86.4400, 93.0469, 74.3785

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.



60.8543, 70.5473, 59.9891



69.4412, 70.5473, 104.5648



69.3919, 70.5473, 54.4372

Square

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



69.4412, 70.5473, 104.5648



76.1483, 70.5473, 70.2506



64.7204, 70.5473, 54.4666



58.7126, 70.5473, 83.7740

Rectangle

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



69.4412, 70.5473, 104.5648



75.5824, 70.5473, 88.1942



64.7204, 70.5473, 54.4666



59.1909, 70.5473, 66.4575

Sweetspot

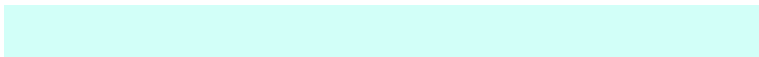
The Sweet Spot groups the original color and five complimentary colors.



69.4431, 70.5501, 104.5652



87.1750, 90.9838, 107.5748



79.2050, 91.9684, 101.9783



18.4307, 19.2123, 22.9869



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.



69.4431, 70.5501, 104.5652



65.2515, 65.6859, 103.8473



72.1492, 69.3224, 104.1856



17.2312, 17.8340, 22.7841



9.8897, 4.6890, 49.8184



1.0260, 0.5827, 4.8717

Inverse Universe

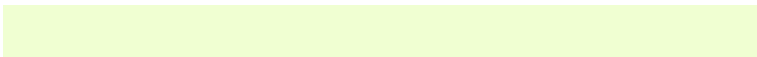
The Inverse Universe completely reimagines the original color for something new.



76.8122, 72.3645, 75.5681



73.8375, 67.8857, 70.0426



83.3287, 94.6987, 74.8613



18.1246, 18.0331, 19.2732



21.7801, 11.2013, 2.2264



2.1525, 1.1034, 0.3844

Previews

White Background



This preview shows how the XYZ color 69.4412, 70.5473, 104.5648 looks on a white background.

Color Contrast Check

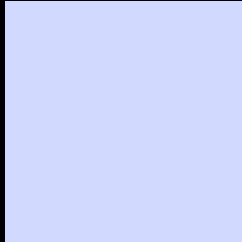
Large Text (above 18pt) WCAG AA × Fail

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 69.4412, 70.5473, 104.5648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

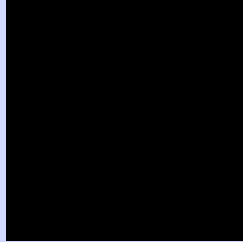
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4412, 70.5473, 104.5648

Background



This preview shows how black text looks on a background with the XYZ color 69.4412, 70.5473, 104.5648.

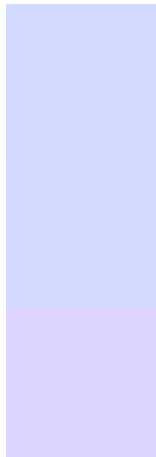


This preview shows how white text looks on a background with the XYZ color 69.4412, 70.5473,

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

69.4412, 70.5473, 104.5648

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

71.9685, 70.3381, 104.3912



Tritanopia

66.6114, 70.5662, 90.2306

Trichromacy



Original Color

69.4412, 70.5473, 104.5648

Protanomaly

69.7268, 70.6946, 104.5782

Deuteranomaly

71.0100, 70.2186, 104.4186

Tritanomaly

67.6731, 70.6046, 95.6492

Monochromacy



Original Color

69.4412, 70.5473, 104.5648

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9558, 70.5679, 86.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4412, 70.5473, 104.5648 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(210, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 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(210, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.4412, 70.5473, 104.5648 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(210, 217, 255) }
```


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

```
.border{ border-color:rgb(210, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4412, 70.5473, 104.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 255) }
```

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

```
.background{ background-color: rgb(210,  
217, 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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