

Converting Colors

XYZ(66.7909, 65.3082,
103.6932)

Have a look what the booklet for
XYZ(66.7909, 65.3082, 103.6932)
contains.

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Color

**XYZ(66.9412, 65.5473,
103.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CFFF
RGB	210, 207, 255
RGB Percent	82%, 81%, 100%
CMY	0.1765, 0.1882, 0.0000
CMYK	0.18, 0.19, 0.00, 0.00
HSL	244°, 100%, 91%
HSV	244°, 19%, 100%
XYZ	66.9412, 65.5473, 103.7315
YIQ	213.3690, -13.6200, 15.5640

Conversions

Conversions Part 2

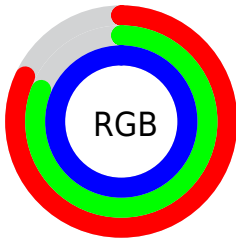
Format	Color
R _Y B	210, 207, 255
Decimal	13815807
CIE Lab	84.76, 10.53, -23.06
CIE LCh	85, 25.351, 294.534
Yxy	65.5473, 0.2834, 0.2775
Android (android.graphics.Color)	4292005887 (0xFFD2CFFF)
YUV	213.3690, 20.5241, -2.9546
Hunter-Lab	80.9613, 5.9069, -19.2923

Details

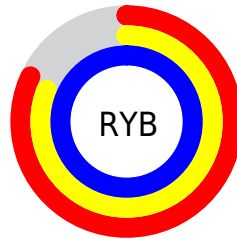
The XYZ color **66.9412, 65.5473, 103.7315** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1686, 96.7210, 73.1092**, and the grayscale version is **63.3678, 66.6679, 72.6013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1018, 33.8282, 58.1055** is the 20% darker color. If you saturate the color by 10%, you get **54.9496, 50.9244, 101.5410**, and if you desaturate by 10%, it is **80.9509, 82.6949, 106.3029**.

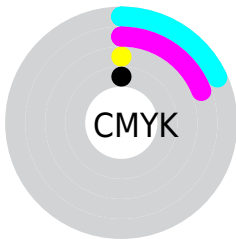
Distribution



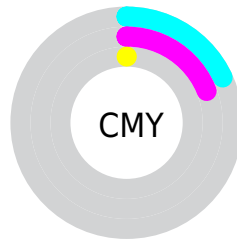
- Red (82%)
- Green (81%)
- Blue (100%)



- Red (82%)
- Yellow (81%)
- Blue (100%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9412, 65.5473, 103.7315 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 66.9412, 65.5473, 103.7315 by changing the saturation by 10% instead.

66.9412, 65.5473,
103.7315

66.9412, 65.5473,
103.7315

439.1712,
444.7561, 593.4397

49.3074, 47.9050,
78.7863

113.8864,
112.8363, 168.3722

35.0789, 33.7517,
58.1999

143.9285,
143.2519, 208.9048

23.8905, 22.7029,
41.5536

178.8374,
178.6939, 255.4702

15.3767, 14.3743,
28.4289

218.9784,
219.5469, 308.4871

9.1722, 8.3814,
18.4074

264.7170,
266.1953, 368.3739

4.9117, 4.3400,
11.0704

316.4184,

2.2298, 1.8655,

319.0233, 435.5493

5.9994

374.4480,
378.4155, 510.4317

■ 0.7584, 0.5275,
2.7760

■ 0.0000, 0.0000,
0.9814

■ 66.9412, 65.5473,
103.7315

■ 66.9412, 65.5473,
103.7315

■ 54.9496, 50.9244,
101.5410

■ 80.9509, 82.6949,
106.3029

■ 44.8778, 38.6996,
99.7122

95.0500, 100.0000,
108.9000

■ 36.6278, 28.7471,
98.2260

■ 30.0903, 20.9266,
97.0611

■ 25.1446, 15.0822,
96.1936

■ 21.6541, 11.0366,
95.5967

■ 19.4591, 8.5808,
95.2384

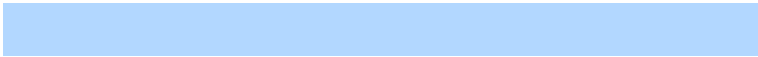
■ 18.3462, 7.4211,
95.0732

■ 18.2625, 7.3295,
95.0599

Harmonies

Analogous

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



61.2674, 65.5473, 107.2066



66.9412, 65.5473, 103.7315



71.6148, 65.5473, 91.0755

Triad

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



66.9412, 65.5473, 103.7315



68.8471, 65.5473, 48.8283



52.0601, 65.5473, 68.4350

Complementary

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



66.9412, 65.5473, 103.7315



87.1686, 96.7210, 73.1092

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.



53.8315, 65.5473, 54.7338



66.9412, 65.5473, 103.7315



63.3457, 65.5473, 44.5681

Square

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



66.9412, 65.5473, 103.7315



72.7611, 65.5473, 59.1671



57.8799, 65.5473, 46.5539



52.8943, 65.5473, 85.1447

Rectangle

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



66.9412, 65.5473, 103.7315



73.4173, 65.5473, 80.0296



57.8799, 65.5473, 46.5539



52.3671, 65.5473, 63.3585

Sweetspot

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



66.9430, 65.5499, 103.7319



85.2801, 88.0039, 107.0995



78.7826, 90.4845, 107.9207



18.0357, 18.5694, 22.8836



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.



66.9430, 65.5499, 103.7319



61.6920, 59.1392, 102.7712



74.0996, 69.2393, 104.0668



17.1080, 17.4319, 22.7130



9.5824, 3.8504, 49.6727



0.9682, 0.3930, 4.8381

Inverse Universe

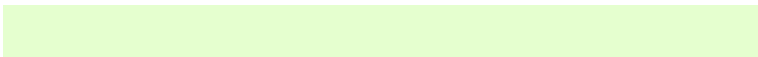
The Inverse Universe completely reimagines the original color for something new.



81.1249, 72.9163, 101.8956



78.5246, 67.8842, 100.5093



79.2095, 92.6179, 72.7367



18.7408, 18.2796, 22.5181



29.7162, 14.3758, 44.0175



2.9076, 1.4054, 4.3609

Previews

White Background



This preview shows how the XYZ color 66.9412, 65.5473, 103.7315 looks on a white background.

Color Contrast Check

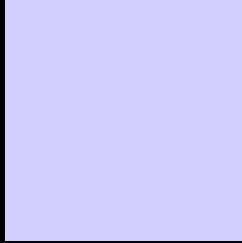
Large Text (above 18pt) WCAG AA × Fail

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 66.9412, 65.5473, 103.7315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

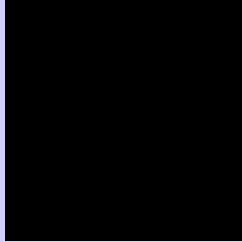
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9412, 65.5473, 103.7315

Background



This preview shows how black text looks on a background with the XYZ color 66.9412, 65.5473, 103.7315.

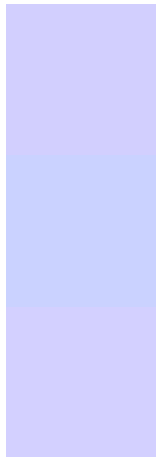


This preview shows how white text looks on a background with the XYZ color 66.9412, 65.5473,

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

66.9412, 65.5473, 103.7315

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.2268, 65.6945, 103.7448



Tritanopia

62.7239, 65.6675, 82.7680

Trichromacy



Original Color

66.9412, 65.5473, 103.7315

Protanomaly

66.0273, 65.8001, 103.8284

Deuteranomaly

67.2268, 65.6945, 103.7448

Tritanomaly

64.2113, 65.5316, 90.1535

Monochromacy



Original Color

66.9412, 65.5473, 103.7315

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4492, 66.1870, 82.7773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9412, 65.5473, 103.7315 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 207, 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, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.9412, 65.5473, 103.7315 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, 207, 255) }
```


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

```
.border{ border-color:rgb(210, 207, 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, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9412, 65.5473, 103.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 207, 255) }
```

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

```
.background{ background-color: rgb(210,  
207, 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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