

Converting Colors

XYZ(67.1613, 67.5668, 99.3973)

Have a look what the booklet for
XYZ(67.1613, 67.5668, 99.3973)
contains.

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Color

**XYZ(67.2207, 67.6282,
99.1332)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D4F9
RGB	210, 212, 249
RGB Percent	82%, 83%, 98%
CMY	0.1765, 0.1686, 0.0235
CMYK	0.16, 0.15, 0.00, 0.02
HSL	237°, 76%, 90%
HSV	237°, 16%, 98%
XYZ	67.2207, 67.6282, 99.1332
YIQ	215.6200, -13.0690, 11.0830

Conversions

Conversions Part 2

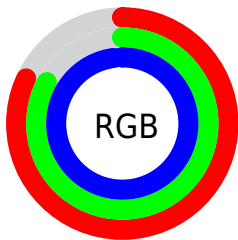
Format	Color
R _{YB}	210, 212, 249
Decimal	13817081
CIE Lab	85.82, 6.60, -18.29
CIE LCh	86, 19.444, 289.831
Yxy	67.6282, 0.2873, 0.2890
Android (android.graphics.Color)	4292007161 (0xFFD2D4F9)
YUV	215.6200, 16.4563, -4.9287
Hunter-Lab	82.2364, 1.9938, -13.9067

Details

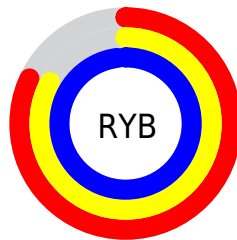
The XYZ color **67.2207, 67.6282, 99.1332** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9609, 91.3140, 74.1744**, and the grayscale version is **64.9116, 68.2920, 74.3700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2002, 34.9328, 55.3395** is the 20% darker color. If you saturate the color by 10%, you get **55.1965, 53.2971, 97.0018**, and if you desaturate by 10%, it is **81.2158, 84.2612, 101.6071**.

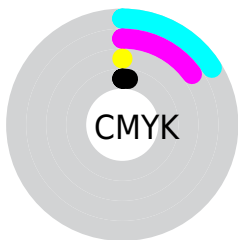
Distribution



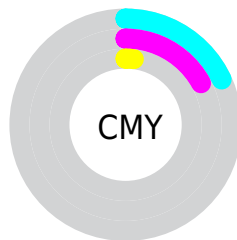
- Red (82%)
- Green (83%)
- Blue (98%)



- Red (82%)
- Yellow (83%)
- Blue (98%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2207, 67.6282, 99.1332 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 67.2207, 67.6282, 99.1332 by changing the saturation by 10% instead.

■ 67.2207, 67.6282,
99.1332

■ 67.2207, 67.6282,
99.1332

440.1501,
452.1776, 578.6330

■ 49.5354, 49.5953,
74.9640

114.2846,
115.8201, 162.0070

■ 35.2606, 35.0920,
55.0818

144.3940,
146.7479, 201.5486

■ 24.0312, 23.7337,
39.0682

179.3753,
182.7428, 247.0515

■ 15.4816, 15.1362,
26.5045

219.5941,
224.1892, 298.9341

■ 9.2466, 8.9150,
16.9723

265.4156,
271.4715, 357.6150

■ 4.9608, 4.6858,
10.0530

317.2052,

■ 2.2588, 2.0641,

324.9740, 423.5128

5.3281

375.3282,
385.0813, 497.0459

■ 0.7734, 0.6443,
2.3789

■ 0.0000, 0.0000,
0.7749

■ 67.2207, 67.6282,
99.1332

■ 67.2207, 67.6282,
99.1332

■ 55.1965, 53.2971,
97.0018

■ 81.2158, 84.2612,
101.6071

■ 45.0489, 41.1585,
95.1937

■ 94.0991, 99.6196,
103.8926

■ 36.6850, 31.1068,
93.6943

■ 30.0015, 23.0243,
92.4865

■ 24.8847, 16.7816,
91.5513

■ 21.2066, 12.2340,
90.8673

■ 18.8190, 9.2148,
90.4104

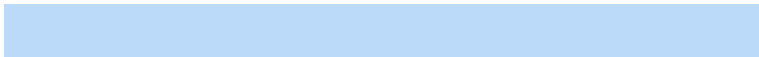
■ 17.5415, 7.5235,
90.1513

■ 17.2403, 7.1221,
90.0897

Harmonies

Analogous

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



62.7821, 67.6282, 100.4395



67.2207, 67.6282, 99.1332



71.0304, 67.6282, 90.5723

Triad

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



67.2207, 67.6282, 99.1332



69.9483, 67.6282, 56.4767



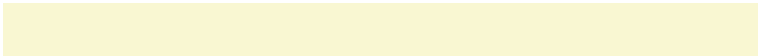
56.2309, 67.6282, 69.4000

Complementary

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



67.2207, 67.6282, 99.1332



83.9609, 91.3140, 74.1744

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.



57.9688, 67.6282, 58.9540



67.2207, 67.6282, 99.1332



65.7987, 67.6282, 52.0827

Square

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



67.2207, 67.6282, 99.1332



72.6548, 67.6282, 65.6430



61.4236, 67.6282, 52.9341



56.5722, 67.6282, 82.2521

Rectangle

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



67.2207, 67.6282, 99.1332



72.6361, 67.6282, 82.3978



61.4236, 67.6282, 52.9341



56.5880, 67.6282, 65.5178

Sweetspot

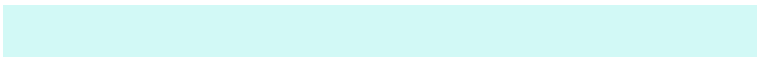
The Sweet Spot groups the original color and five complimentary colors.



67.2228, 67.6310, 99.1347



86.7759, 90.1857, 107.4417



77.1513, 88.1327, 100.4572



18.3341, 19.0192, 22.9547



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.



67.2228, 67.6310, 99.1347



66.4663, 66.0402, 103.8516



71.7938, 69.2489, 99.2061



16.3545, 16.7859, 21.7633



9.2579, 3.8715, 48.2329



0.8818, 0.4073, 4.4753

Inverse Universe

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



73.9988, 70.9880, 72.0925



74.9573, 70.2732, 69.9596



78.8210, 89.5783, 74.1103



17.2807, 17.2397, 18.0681



20.9650, 10.8017, 1.2582



1.9540, 1.0053, 0.1813

Previews

White Background



This preview shows how the XYZ color 67.2207, 67.6282, 99.1332 looks on a white background.

Color Contrast Check

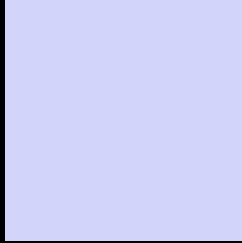
Large Text (above 18pt) WCAG AA × Fail

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 67.2207, 67.6282, 99.1332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

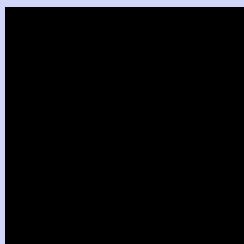
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2207, 67.6282, 99.1332

Background



This preview shows how black text looks on a background with the XYZ color 67.2207, 67.6282, 99.1332.

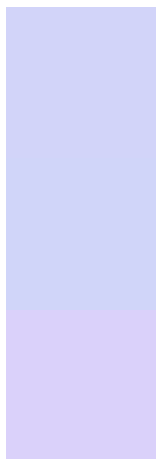


This preview shows how white text looks on a background with the XYZ color 67.2207, 67.6282,

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

67.2207, 67.6282, 99.1332

Protanopia

66.9056, 67.8379, 99.1903

Deuteranopia

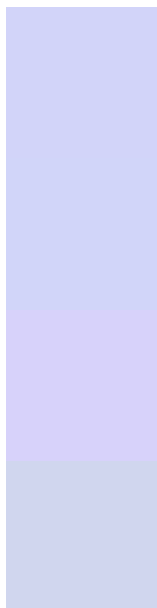
68.9692, 67.4085, 99.8185



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

67.2207, 67.6282, 99.1332

Protanomaly

67.1876, 67.9834, 99.2035

Deuteranomaly

68.3262, 67.4424, 99.8590

Tritanomaly

65.4916, 67.6761, 90.4999

Monochromacy



Original Color

67.2207, 67.6282, 99.1332

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.0356, 68.4985, 83.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2207, 67.6282, 99.1332 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, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 249)  
}
```

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, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 249) }
```

Border

The CSS property to change the border of an element to XYZ 67.2207, 67.6282, 99.1332 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, 212, 249) }
```


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

```
.border{ border-color:rgb(210, 212, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2207, 67.6282, 99.1332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 249) }
```

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

```
.background{ background-color: rgb(210,  
212, 249) }
```

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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