

Converting Colors

XYZ(66.7305, 67.0114, 82.0905)

Have a look what the booklet for
XYZ(66.7305, 67.0114, 82.0905)
contains.

XYZ(66.7305, 67.0114, 82.0905)	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(66.7305, 67.0114,
82.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD2E3
RGB	221, 210, 227
RGB Percent	87%, 82%, 89%
CMY	0.1333, 0.1765, 0.1098
CMYK	0.03, 0.07, 0.00, 0.11
HSL	279°, 23%, 86%
HSV	279°, 7%, 89%
XYZ	66.7305, 67.0114, 82.0905
YIQ	215.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

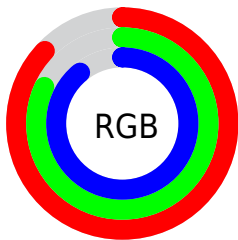
Format	Color
R _Y B	221, 210, 227
Decimal	14537443
CIE Lab	85.51, 6.85, -7.01
CIE LCh	86, 9.802, 314.326
Yxy	67.0114, 0.3092, 0.3105
Android (android.graphics.Color)	4292727523 (0xFFDDD2E3)
YUV	215.2270, 5.8041, 5.0629
Hunter-Lab	81.8605, 2.2526, -2.1542

Details

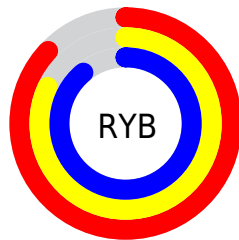
The XYZ color **66.7305, 67.0114, 82.0905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4234, 74.1921, 71.7431**, and the grayscale version is **64.7081, 68.0780, 74.1369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0607, 34.8625, 43.9110** is the 20% darker color. If you saturate the color by 10%, you get **59.1375, 55.3607, 80.2429**, and if you desaturate by 10%, it is **75.2388, 80.3177, 84.2115**.

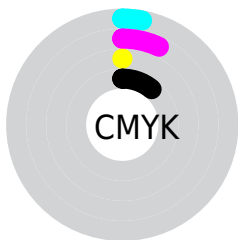
Distribution



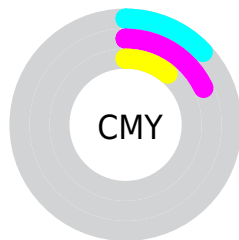
- Red (87%)
- Green (82%)
- Blue (89%)



- Red (87%)
- Yellow (82%)
- Blue (89%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7305, 67.0114, 82.0905 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 66.7305, 67.0114, 82.0905 by changing the saturation by 10% instead.

■ 66.7305, 67.0114,
82.0905

■ 66.7305, 67.0114,
82.0905

438.4325,
449.9853, 521.8418

■ 49.1355, 49.0939,
60.9039

113.5861,
114.9367, 138.1387

■ 34.9420, 34.6940,
43.7176

143.5774,
145.7134, 173.8374

■ 23.7845, 23.4272,
30.1130

178.4316,
181.5452, 215.2106

■ 15.2977, 14.9093,
19.6716

218.5140,
222.8165, 262.6767

■ 9.1163, 8.7557,
11.9748

264.1899,
269.9118, 316.6543

■ 4.8748, 4.5822,
6.6042

315.8247,

■ 2.2080, 2.0043,

323.2154, 377.5620

3.1412

373.7838,
383.1118, 445.8183

■ 0.7469, 0.6100,
1.1672

■ 0.0000, 0.0000,
0.0000

■ 66.7305, 67.0114,
82.0905

■ 66.7305, 67.0114,
82.0905

■ 59.1375, 55.3607,
80.2429

■ 75.2388, 80.3177,
84.2115

■ 52.4191, 45.2896,
78.6531

■ 84.5599, 95.0756,
86.5687

■ 46.5399, 36.7288,
77.3105

■ 87.2962, 96.4862,
86.6968

■ 41.4597, 29.6006,
76.2024

■ 90.1536, 97.9592,
86.8305

■ 37.1349, 23.8200,
75.3146

■ 90.8653, 98.3261,
86.8638

■ 33.5170, 19.2928,
74.6314

■ 30.5514, 15.9122,
74.1352

■ 28.1740, 13.5533,
73.8052

■ 26.2997, 12.0482,
73.6135

Harmonies

Analogous

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



64.7574, 67.0114, 85.4988



66.7305, 67.0114, 82.0905



67.9034, 67.0114, 76.3266

Triad

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



66.7305, 67.0114, 82.0905



64.8559, 67.0114, 61.7853



59.6341, 67.0114, 76.0397

Complementary

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



66.7305, 67.0114, 82.0905



67.4234, 74.1921, 71.7431

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.



59.6590, 67.0114, 69.7017



66.7305, 67.0114, 82.0905



62.6390, 67.0114, 61.7184

Square

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



66.7305, 67.0114, 82.0905



66.8040, 67.0114, 64.7286



60.7478, 67.0114, 64.5404



60.6788, 67.0114, 81.8699

Rectangle

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



66.7305, 67.0114, 82.0905



68.0569, 67.0114, 72.0432



60.7478, 67.0114, 64.5404



59.5184, 67.0114, 73.8926

Sweetspot

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



66.7325, 67.0143, 82.0920



92.7853, 96.4492, 108.3340



65.0618, 68.4819, 82.4633



19.8836, 20.6813, 23.1939



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.



66.7325, 67.0143, 82.0920



85.2426, 84.7170, 106.4670



68.2814, 67.8487, 80.5423



14.4755, 14.3474, 18.1507



15.2206, 6.9124, 42.9152



1.2246, 0.5623, 3.1760

Inverse Universe

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



67.1222, 67.3850, 74.4381



85.8614, 85.3017, 94.4958



65.9672, 73.4085, 73.1594



14.5861, 14.4516, 16.0206



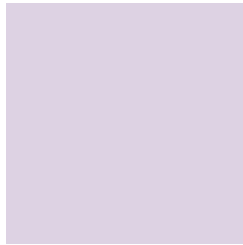
19.3726, 9.8833, 5.5912



1.4745, 0.7475, 0.6390

Previews

White Background



This preview shows how the XYZ color 66.7305, 67.0114, 82.0905 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 66.7305, 67.0114, 82.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

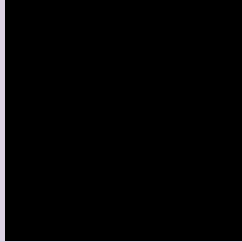
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

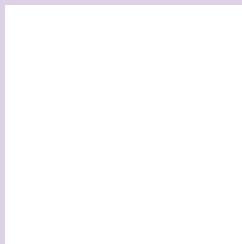
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7305, 67.0114, 82.0905

Background



This preview shows how black text looks on a background with the XYZ color 66.7305, 67.0114, 82.0905.

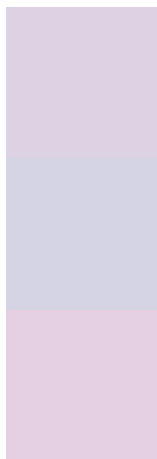


This preview shows how white text looks on a background with the XYZ color 66.7305, 67.0114,

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

66.7305, 67.0114, 82.0905

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

68.1729, 66.6657, 81.9477



Tritanopia

66.7305, 67.0114, 82.0905

Trichromacy



Original Color

66.7305, 67.0114, 82.0905

Protanomaly

65.6168, 66.7889, 82.8320

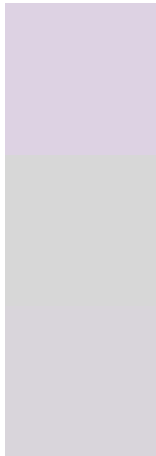
Deuteranomaly

67.4723, 66.6654, 81.9846

Tritanomaly

66.7305, 67.0114, 82.0905

Monochromacy



Original Color

66.7305, 67.0114, 82.0905

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1957, 67.4547, 76.6017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7305, 67.0114, 82.0905 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(221, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 227)  
}
```

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(221, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.7305, 67.0114, 82.0905 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(221, 210, 227) }
```


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

```
.border{ border-color:rgb(221, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7305, 67.0114, 82.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 227) }
```

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

```
.background{ background-color: rgb(221,  
210, 227) }
```

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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