

Converting Colors

XYZ(66.7936, 64.2996, 91.3140)

Have a look what the booklet for
XYZ(66.7936, 64.2996, 91.3140)
contains.

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Color

**XYZ(66.9029, 64.3753,
91.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCBF0
RGB	221, 203, 240
RGB Percent	87%, 80%, 94%
CMY	0.1333, 0.2039, 0.0588
CMYK	0.08, 0.15, 0.00, 0.06
HSL	269°, 55%, 87%
HSV	269°, 15%, 94%
XYZ	66.9029, 64.3753, 91.3376
YIQ	212.6000, -1.1490, 15.3230

Conversions

Conversions Part 2

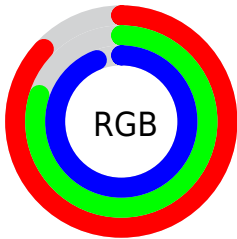
Format	Color
R _Y B	221, 203, 240
Decimal	14535664
CIE Lab	84.16, 13.05, -15.93
CIE LCh	84, 20.591, 309.313
Yxy	64.3753, 0.3005, 0.2892
Android (android.graphics.Color)	4292725744 (0xFFDDCBF0)
YUV	212.6000, 13.5082, 7.3668
Hunter-Lab	80.2342, 8.4314, -11.3310

Details

The XYZ color **66.9029, 64.3753, 91.3376** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.0661, 82.1633, 68.5638**, and the grayscale version is **62.8937, 66.1691, 72.0581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1251, 33.0626, 49.8778** is the 20% darker color. If you saturate the color by 10%, you get **58.0525, 52.0417, 89.4244**, and if you desaturate by 10%, it is **76.9100, 78.6111, 93.5589**.

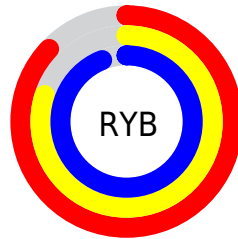
Distribution



Red (87%)

Green (80%)

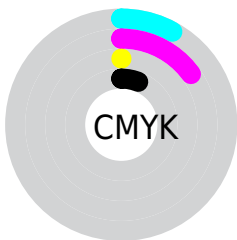
Blue (94%)



Red (87%)

Yellow (80%)

Blue (94%)

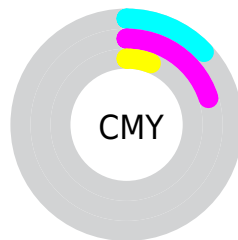


Cyan (8%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9029, 64.3753, 91.3376 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 66.9029, 64.3753, 91.3376 by changing the saturation by 10% instead.

66.9029, 64.3753,
91.3376

66.9029, 64.3753,
91.3376

439.0370,
440.5437, 553.0545

49.2761, 46.9547,
68.5106

113.8318,
111.1513, 151.1467

35.0540, 32.9999,
49.8440

143.8647,
141.2754, 188.9659

23.8712, 22.1263,
34.9191

178.7636,
176.4029, 232.6196

15.3623, 13.9498,
23.3175

218.8940,
216.9180, 282.5264

9.1620, 8.0857,
14.6206

264.6212,
263.2053, 339.1047

4.9050, 4.1499,
8.4099

316.3105,

2.2258, 1.7577,

315.6491, 402.7731

4.2668

374.3273,
374.6337, 473.9502

■ 0.7563, 0.4606,
1.7728

■ 0.0000, 0.0000,
0.4100

■ 66.9029, 64.3753,
91.3376

■ 66.9029, 64.3753,
91.3376

■ 58.0525, 52.0417,
89.4244

■ 76.9100, 78.6111,
93.5589

■ 50.3070, 41.5186,
87.8015

■ 88.1114, 94.8190,
96.0970

■ 43.6187, 32.7188,
86.4555

■ 92.7284, 99.0713,
96.6745

■ 37.9342, 25.5445,
85.3703

■ 33.1946, 19.8879,
84.5283

■ 29.3342, 15.6274,
83.9094

■ 26.2770, 12.6218,
83.4904

■ 23.9309, 10.6976,
83.2426

■ 23.0308, 10.0559,
83.1662

Harmonies

Analogous

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



62.6146, 64.3753, 97.8624



66.9029, 64.3753, 91.3376



69.7482, 64.3753, 79.3294

Triad

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



66.9029, 64.3753, 91.3376



64.3319, 64.3753, 49.1561



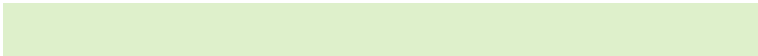
52.9475, 64.3753, 74.2303

Complementary

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



66.9029, 64.3753, 91.3376



72.0661, 82.1633, 68.5638

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.



53.3563, 64.3753, 61.6043



66.9029, 64.3753, 91.3376



59.7808, 64.3753, 48.1480

Square

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



66.9029, 64.3753, 91.3376



68.2135, 64.3753, 55.3780



55.8059, 64.3753, 52.4292



54.6600, 64.3753, 87.2097

Rectangle

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



66.9029, 64.3753, 91.3376



70.3653, 64.3753, 70.3946



55.8059, 64.3753, 52.4292



52.8433, 64.3753, 69.7937

Sweetspot

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



66.9048, 64.3780, 91.3390



88.7485, 90.9124, 107.4780



66.5114, 71.2947, 92.6948



18.8122, 19.1955, 22.9635



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.



66.9048, 64.3780, 91.3390



73.9684, 69.9303, 104.2071



72.8121, 67.4233, 91.6155



15.6292, 15.6061, 19.9101



12.7597, 5.5833, 45.5330



1.1760, 0.5235, 3.7933

Inverse Universe

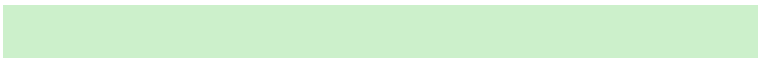
The Inverse Universe completely reimagines the original color for something new.



70.4781, 66.5139, 78.2342



78.7261, 72.7745, 86.7428



66.7388, 79.4169, 68.3145



16.1117, 15.8944, 18.1443



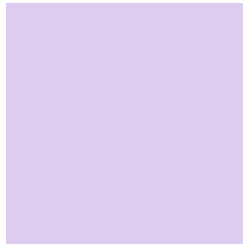
21.7048, 10.9543, 11.6279



1.8559, 0.9314, 1.2321

Previews

White Background



This preview shows how the XYZ color 66.9029, 64.3753, 91.3376 looks on a white background.

Color Contrast Check

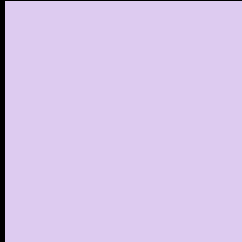
Large Text (above 18pt) WCAG AA × Fail

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 66.9029, 64.3753, 91.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

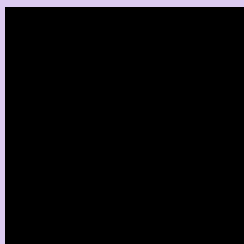
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9029, 64.3753, 91.3376

Background



This preview shows how black text looks on a background with the XYZ color 66.9029, 64.3753, 91.3376.



This preview shows how white text looks on a background with the XYZ color 66.9029, 64.3753,

91.3376.

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

66.9029, 64.3753, 91.3376

Protanopia

63.6354, 64.4202, 93.8744

Deuteranopia

65.8784, 64.5528, 91.4259



Tritanopia

64.1696, 64.3220, 78.1405

Trichromacy



Original Color

66.9029, 64.3753, 91.3376

Protanomaly

64.6767, 64.2551, 92.9980

Deuteranomaly

66.2345, 64.3824, 91.3742

Tritanomaly

65.1876, 64.3799, 83.1195

Monochromacy



Original Color

66.9029, 64.3753, 91.3376

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4386, 65.5276, 79.0638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9029, 64.3753, 91.3376 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, 203, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 240)  
}
```

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, 203, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 240) }
```

Border

The CSS property to change the border of an element to XYZ 66.9029, 64.3753, 91.3376 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, 203, 240) }
```


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

```
.border{ border-color:rgb(221, 203, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9029, 64.3753, 91.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 240) }
```

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

```
.background{ background-color: rgb(221,  
203, 240) }
```

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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