

Converting Colors

XYZ(68.7044, 52.4732, 74.5309)

Have a look what the booklet for
XYZ(68.7044, 52.4732, 74.5309)
contains.

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Color

**XYZ(66.7291, 51.5689,
74.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0DC
RGB	255, 160, 220
RGB Percent	100%, 63%, 86%
CMY	0.0000, 0.3725, 0.1373
CMYK	0.00, 0.37, 0.14, 0.00
HSL	322°, 100%, 81%
HSV	322°, 37%, 100%
XYZ	66.7291, 51.5689, 74.1469
YIQ	195.2450, 37.3600, 38.8000

Conversions

Conversions Part 2

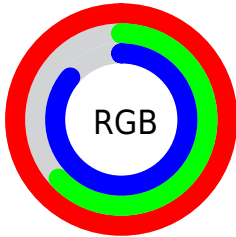
Format	Color
R _{YB}	255, 160, 220
Decimal	16752860
CIE Lab	77.02, 43.43, -15.57
CIE LCh	77, 46.138, 340.272
Yxy	51.5689, 0.3467, 0.2680
Android (android.graphics.Color)	4294942940 (0xFFFFA0DC)
YUV	195.2450, 12.2042, 52.4051
Hunter-Lab	71.8115, 40.1967, -10.9502

Details

The XYZ color **66.7291, 51.5689, 74.1469** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.1093, 82.9346, 64.4727**, and the grayscale version is **51.9329, 54.6374, 59.5002**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **34.9715, 24.8950, 38.5593** is the 20% darker color. If you saturate the color by 10%, you get **61.5437, 43.1338, 66.4512**, and if you desaturate by 10%, it is **72.8933, 61.8494, 82.5152**.

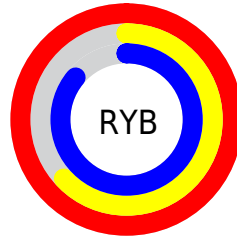
Distribution



Red (100%)

Green (63%)

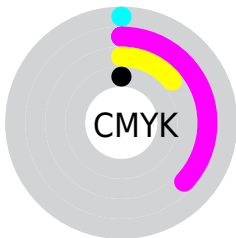
Blue (86%)



Red (100%)

Yellow (63%)

Blue (86%)

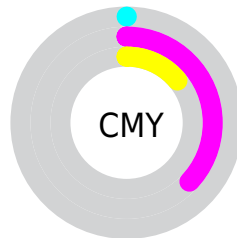


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7291, 51.5689, 74.1469 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 66.7291, 51.5689, 74.1469 by changing the saturation by 10% instead.


 66.7291, 51.5689,
74.1469


 66.7291, 51.5689,
74.1469


438.4275,
392.7701, 494.1572

 49.1344, 36.6616,
54.4168

 113.5841, 92.4952,
126.8400

 34.9411, 24.9456,
38.5395


 143.5751,
119.2829, 160.6400

 23.7838, 16.0365,
26.0966


178.4289,
150.7995, 199.9671

 15.2972, 9.5500,
16.6695

218.5109,
187.4294, 245.2398

 9.1159, 5.1016,
9.8397

264.1864,
229.5570, 296.8766

 4.8746, 2.3070,
5.1886

315.8207,

 2.2079, 0.7774,

277.5667, 355.2961

2.2977

373.7793,
331.8430, 420.9167

■ 0.7469, 0.0000,
0.7299

■ 0.0000, 0.0000,
0.0000

■ 66.7291, 51.5689,
74.1469

■ 66.7291, 51.5689,
74.1469

■ 61.5437, 43.1338,
66.4512

■ 72.8933, 61.8494,
82.5152

■ 57.2767, 36.4256,
59.4004

■ 80.0849, 74.0712,
91.5759

■ 53.8661, 31.3218,
52.9688

■ 88.3536, 88.3316,
101.3514

■ 51.2404, 27.6815,
47.1266

95.0500, 100.0000,
108.9000

■ 49.3155, 25.3386,
41.8397

■ 47.9835, 24.0791,
37.0659

■ 47.6774, 23.8349,
35.8286

Harmonies

Analogous

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



60.7858, 51.5689, 101.8313



66.7291, 51.5689, 74.1469



67.6198, 51.5689, 47.9444

Triad

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



66.7291, 51.5689, 74.1469



46.0590, 51.5689, 20.6917



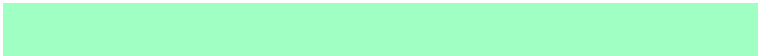
37.2051, 51.5689, 93.6597

Complementary

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



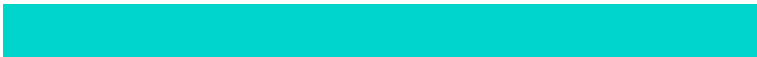
66.7291, 51.5689, 74.1469



60.1093, 82.9346, 64.4727

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.



34.1797, 51.5689, 65.2416



66.7291, 51.5689, 74.1469



38.8706, 51.5689, 26.6984

Square

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



66.7291, 51.5689, 74.1469



54.9509, 51.5689, 21.7727



34.7505, 51.5689, 41.3294



43.5222, 51.5689, 115.2299

Rectangle

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



66.7291, 51.5689, 74.1469



65.1280, 51.5689, 35.0931



34.7505, 51.5689, 41.3294



35.8058, 51.5689, 84.2913

Sweetspot

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



66.7303, 51.5711, 74.1479



85.1258, 82.7430, 97.6030



53.0855, 43.9441, 100.2919



17.9787, 17.2932, 20.6062



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.



66.7303, 51.5711, 74.1479



62.6296, 44.8793, 68.1276



61.3230, 49.4082, 45.6736



18.4921, 18.1802, 21.2086



24.9869, 12.4841, 19.1134



2.4856, 1.2366, 2.1386

Inverse Universe

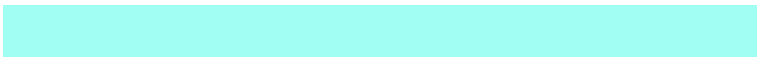
The Inverse Universe completely reimagines the original color for something new.



66.7303, 51.5711, 74.1479



62.6296, 44.8793, 68.1276



66.3357, 85.4251, 97.2602



18.4921, 18.1802, 21.2086



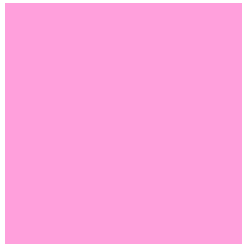
24.9869, 12.4841, 19.1134



2.4856, 1.2366, 2.1386

Previews

White Background



This preview shows how the XYZ color 66.7291, 51.5689, 74.1469 looks on a white background.

Color Contrast Check

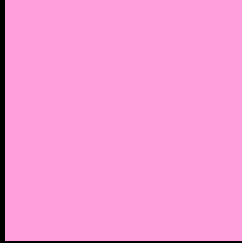
Large Text (above 18pt) WCAG AA × Fail

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 66.7291, 51.5689, 74.1469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

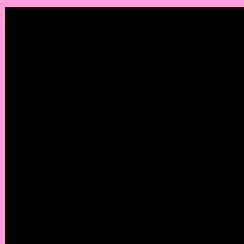
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7291, 51.5689, 74.1469

Background



This preview shows how black text looks on a background with the XYZ color 66.7291, 51.5689, 74.1469.



This preview shows how white text looks on a background with the XYZ color 66.7291, 51.5689,

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

66.7291, 51.5689, 74.1469

Protanopia

52.1377, 52.0922, 88.9682

Deuteranopia

52.8506, 51.8944, 71.5211



Tritanopia

61.6652, 51.6245, 49.8944

Trichromacy



Original Color

66.7291, 51.5689, 74.1469



Protanomaly

55.9395, 50.7888, 83.1988



Deuteranomaly

57.1600, 51.3595, 72.5464



Tritanomaly

63.4503, 51.5458, 58.2349

Monochromacy



Original Color

66.7291, 51.5689, 74.1469



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.2423, 52.5672, 64.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7291, 51.5689, 74.1469 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(255, 160, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 220)  
}
```

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(255, 160, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.7291, 51.5689, 74.1469 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(255, 160, 220) }
```


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

```
.border{ border-color:rgb(255, 160, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7291, 51.5689, 74.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 220) }
```

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

```
.background{ background-color: rgb(255,  
160, 220) }
```

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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