

Converting Colors

XYZ(67.2010, 53.2117, 74.4438)

Have a look what the booklet for
XYZ(67.2010, 53.2117, 74.4438)
contains.

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Color

**XYZ(67.2465, 53.1484,
74.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA5DC
RGB	254, 165, 220
RGB Percent	100%, 65%, 86%
CMY	0.0039, 0.3529, 0.1373
CMYK	0.00, 0.35, 0.13, 0.00
HSL	323°, 98%, 82%
HSV	323°, 35%, 100%
XYZ	67.2465, 53.1484, 74.4245
YIQ	197.8810, 35.3890, 35.9730

Conversions

Conversions Part 2

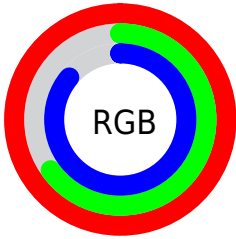
Format	Color
RYB	254, 165, 220
Decimal	16688604
CIELab	77.96, 40.52, -14.17
CIELCh	78, 42.929, 340.723
Yxy	53.1484, 0.3452, 0.2728
Android (android.graphics.Color)	4294878684 (0xFFFEA5DC)
YUV	197.8810, 10.9047, 49.2164
Hunter-Lab	72.9029, 37.0702, -9.4954

Details

The XYZ color **67.2465, 53.1484, 74.4245** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2700, 83.0081, 66.8295**, and the grayscale version is **53.5265, 56.3140, 61.3260**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **35.3507, 26.0407, 38.7605** is the 20% darker color. If you saturate the color by 10%, you get **61.8640, 44.3802, 66.4726**, and if you desaturate by 10%, it is **73.6165, 63.7708, 83.0748**.

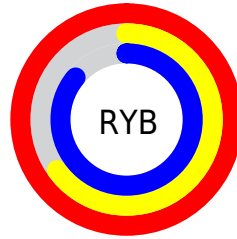
Distribution



Red (100%)

Green (65%)

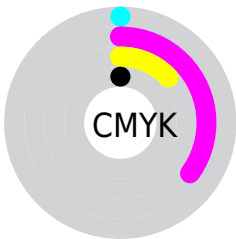
Blue (86%)



Red (100%)

Yellow (65%)

Blue (86%)

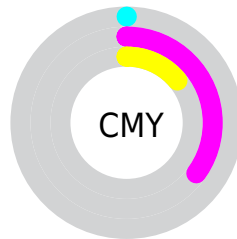


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2465, 53.1484, 74.4245 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 67.2465, 53.1484, 74.4245 by changing the saturation by 10% instead.


 67.2465, 53.1484,
74.4245


 67.2465, 53.1484,
74.4245


440.2404,
398.8542, 495.1397

 49.5564, 37.9213,
54.6427


 114.3214, 94.8227,
127.2370

 35.2774, 25.9216,
38.7190


 144.4369,
122.0386, 161.1047

 24.0442, 16.7650,
26.2351

179.4250,
154.0196, 200.5048

 15.4913, 10.0671,
16.7722

219.6509,
191.1501, 245.8558

 9.2535, 5.4434,
9.9120

265.4800,
233.8144, 297.5762

 4.9653, 2.5097,
5.2358

317.2777,

 2.2615, 0.8815,

282.3969, 356.0847

2.3251

375.4094,
337.2820, 421.7997

0.7748, 0.0000,
0.7452

0.0000, 0.0000,
0.0000

67.2465, 53.1484,
74.4245

67.2465, 53.1484,
74.4245

61.8640, 44.3802,
66.4726

73.6165, 63.7708,
83.0748

57.4088, 37.3501,
59.1911

81.0202, 76.3398,
92.4433

53.8215, 31.9402,
52.5545

89.5064, 90.9505,
102.5526

51.0330, 28.0149,
46.5333

94.6835, 99.8110,
108.8828

■ 48.9634, 25.4163,
41.0940

■ 47.5142, 23.9496,
36.1970

■ 46.9560, 23.5040,
33.9428

Harmonies

Analogous

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



61.7373, 53.1484, 100.2057



67.2465, 53.1484, 74.4245



67.9997, 53.1484, 49.7249

Triad

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



67.2465, 53.1484, 74.4245



47.5857, 53.1484, 23.4157



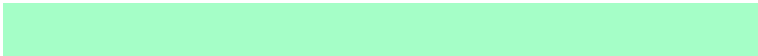
39.2937, 53.1484, 93.3710

Complementary

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



67.2465, 53.1484, 74.4245



61.2700, 83.0081, 66.8295

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.



36.3197, 53.1484, 66.8584



67.2465, 53.1484, 74.4245



40.7441, 53.1484, 29.5373

Square

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



67.2465, 53.1484, 74.4245



56.0067, 53.1484, 24.4007



36.8196, 53.1484, 43.9719



45.3963, 53.1484, 113.0626

Rectangle

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



67.2465, 53.1484, 74.4245



65.6213, 53.1484, 37.4046



36.8196, 53.1484, 43.9719



37.9271, 53.1484, 84.6984

Sweetspot

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



67.2481, 53.1508, 74.4256



85.0677, 82.7197, 97.2969



54.5391, 46.0248, 99.7761



17.9648, 17.2876, 20.5331



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.



67.2481, 53.1508, 74.4256



63.9624, 47.2677, 69.4263



62.2528, 51.1527, 48.1205



18.4813, 18.1758, 21.1515



24.8297, 12.4212, 18.2857



2.4709, 1.2307, 2.0612

Inverse Universe

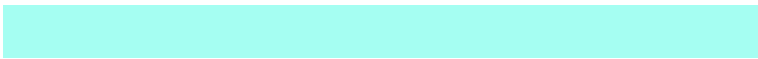
The Inverse Universe completely reimagines the original color for something new.



67.2481, 53.1508, 74.4256



63.9624, 47.2677, 69.4263



67.0078, 85.3033, 97.0443



18.4813, 18.1758, 21.1515



24.8297, 12.4212, 18.2857



2.4709, 1.2307, 2.0612

Previews

White Background



This preview shows how the XYZ color 67.2465, 53.1484, 74.4245 looks on a white background.

Color Contrast Check

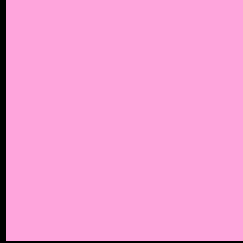
Large Text (above 18pt) WCAG AA × Fail

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 67.2465, 53.1484, 74.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

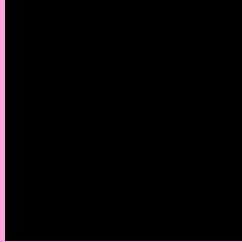
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2465, 53.1484, 74.4245

Background



This preview shows how black text looks on a background with the XYZ color 67.2465, 53.1484, 74.4245.



This preview shows how white text looks on a background with the XYZ color 67.2465, 53.1484,

74.4245.

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

67.2465, 53.1484, 74.4245

Protanopia

53.3548, 53.3797, 88.3801

Deuteranopia

54.4653, 53.3418, 72.3911



Tritanopia

62.9338, 53.3318, 52.8760

Trichromacy



Original Color

67.2465, 53.1484, 74.4245



Protanomaly

57.1642, 52.6353, 82.7481



Deuteranomaly

58.3608, 52.8679, 72.7742



Tritanomaly

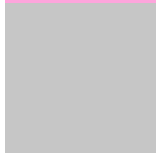
64.1647, 52.9624, 60.2670

Monochromacy



Original Color

67.2465, 53.1484, 74.4245



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.6129, 54.4795, 65.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2465, 53.1484, 74.4245 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(254, 165, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 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(254, 165, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.2465, 53.1484, 74.4245 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(254, 165, 220) }
```


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

```
.border{ border-color:rgb(254, 165, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2465, 53.1484, 74.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 220) }
```

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

```
.background{ background-color: rgb(254,  
165, 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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