

Converting Colors

XYZ(125.4208, 76.3506,
71.4733)

Have a look what the booklet for
XYZ(125.4208, 76.3506, 71.4733)
contains.

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Color

**XYZ(62.1818, 43.7234,
68.7804)**

Conversions

Conversions Part 1

Format	Color
Hex	FF88D6
RGB	255, 136, 214
RGB Percent	100%, 53%, 84%
CMY	0.0000, 0.4666, 0.1608
CMYK	0.00, 0.47, 0.16, 0.00
HSL	321°, 100%, 77%
HSV	321°, 47%, 100%
XYZ	62.1818, 43.7234, 68.7804
YIQ	180.4730, 45.8860, 49.4860

Conversions

Conversions Part 2

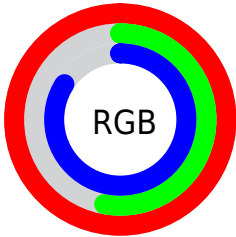
Format	Color
R _Y B	255, 136, 214
Decimal	16746710
CIE Lab	72.04, 54.56, -19.81
CIE LCh	72, 58.043, 340.047
Yxy	43.7234, 0.3560, 0.2503
Android (android.graphics.Color)	4294936790 (0xFFFF88D6)
YUV	180.4730, 16.5288, 65.3602
Hunter-Lab	66.1237, 52.1425, -15.3856

Details

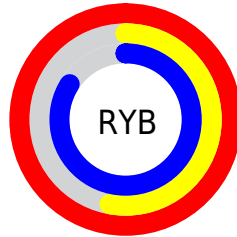
The XYZ color **62.1818, 43.7234, 68.7804** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.8509, 79.9294, 54.1878**, and the grayscale version is **43.5345, 45.8016, 49.8780**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **31.9654, 20.1238, 35.0004** is the 20% darker color. If you saturate the color by 10%, you get **57.9162, 36.9397, 61.9711**, and if you desaturate by 10%, it is **67.3642, 52.2434, 76.1949**.

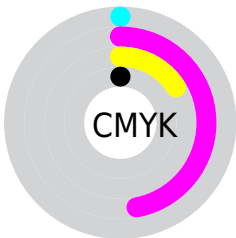
Distribution



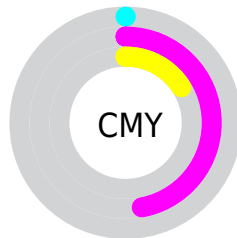
- Red (100%)
- Green (53%)
- Blue (84%)



- Red (100%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (47%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1818, 43.7234, 68.7804 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 62.1818, 43.7234, 68.7804 by changing the saturation by 10% instead.


 62.1818, 43.7234,
68.7804


 62.1818, 43.7234,
68.7804


422.3009,
361.5784, 474.9290


 45.4358, 30.4531,
50.0622


 107.0767, 80.8014,
119.1326

 32.0035, 20.1828,
35.0913


 135.9563,
105.3778, 151.6037

 21.5198, 12.5280,
23.4491


 169.6111,
134.4918, 189.4963

 13.6191, 7.1043,
14.7171

208.4065,
168.5277, 233.2288

 7.9361, 3.5274,
8.4767

252.7078,
207.8699, 283.2198

 4.1056, 1.4129,
4.3093

302.8804,

 1.7620, 0.2262,

252.9028, 339.8878

1.7965

359.2897,
304.0109, 403.6513

■ 0.4946, 0.0000,
0.4257

■ 0.0000, 0.0000,
0.0000

■ 62.1818, 43.7234,
68.7804

■ 62.1818, 43.7234,
68.7804

■ 57.9162, 36.9397,
61.9711

■ 67.3642, 52.2434,
76.1949

■ 54.5017, 31.7631,
55.7391

■ 73.5166, 62.6055,
84.2355

■ 51.8687, 28.0557,
50.0567

■ 80.6919, 74.9134,
92.9247

■ 49.9344, 25.6533,
44.8915

■ 88.9380, 89.2616,
102.2828

■ 48.5947, 24.3496,
40.2039

95.0500, 100.0000,
108.9000

■ 48.2280, 24.0552,
38.7281

Harmonies

Analogous

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



55.0736, 43.7234, 102.8430



62.1818, 43.7234, 68.7804



63.3033, 43.7234, 38.7016

Triad

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



62.1818, 43.7234, 68.7804



38.3192, 43.7234, 11.5393



28.6030, 43.7234, 92.0979

Complementary

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



62.1818, 43.7234, 68.7804



53.8509, 79.9294, 54.1878

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.



25.4676, 43.7234, 57.7841



62.1818, 43.7234, 68.7804



30.4567, 43.7234, 16.8450

Square

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



62.1818, 43.7234, 68.7804



48.4103, 43.7234, 12.5143



26.0874, 43.7234, 31.2975



35.3845, 43.7234, 119.5994

Rectangle

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



62.1818, 43.7234, 68.7804



60.3453, 43.7234, 25.1644



26.0874, 43.7234, 31.2975



27.1408, 43.7234, 80.5205

Sweetspot

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



62.1828, 43.7253, 68.7813



82.7822, 78.5326, 95.3515



44.6853, 34.0220, 98.8195



17.3552, 16.1794, 19.9877



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.



62.1828, 43.7253, 68.7813



58.1723, 37.3390, 62.4051



56.0322, 41.2651, 36.3928



18.5112, 18.1878, 21.3090



25.2732, 12.5986, 20.6207



2.5122, 1.2473, 2.2787

Inverse Universe

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



62.1828, 43.7253, 68.7813



58.1723, 37.3390, 62.4051



60.9341, 82.7627, 91.4877



18.5112, 18.1878, 21.3090



25.2732, 12.5986, 20.6207



2.5122, 1.2473, 2.2787

Previews

White Background



This preview shows how the XYZ color 62.1818, 43.7234, 68.7804 looks on a white background.

Color Contrast Check

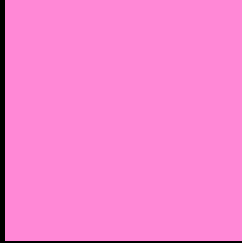
Large Text (above 18pt) WCAG AA × Fail

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 62.1818, 43.7234, 68.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

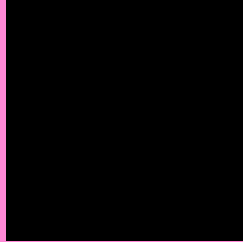
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1818, 43.7234, 68.7804

Background



This preview shows how black text looks on a background with the XYZ color 62.1818, 43.7234, 68.7804.



This preview shows how white text looks on a background with the XYZ color 62.1818, 43.7234,

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

62.1818, 43.7234, 68.7804

Protanopia

45.2616, 44.2388, 90.1578

Deuteranopia

44.9191, 44.0249, 65.8047



Tritanopia

55.8284, 43.7882, 37.8572

Trichromacy



Original Color

62.1818, 43.7234, 68.7804



Protanomaly

49.3027, 42.6534, 81.9783



Deuteranomaly

49.9358, 43.0602, 66.6523



Tritanomaly

57.7928, 43.6701, 47.5026

Monochromacy



Original Color

62.1818, 43.7234, 68.7804



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

48.5220, 43.6221, 55.7317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1818, 43.7234, 68.7804 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, 136, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 214)  
}
```

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, 136, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.1818, 43.7234, 68.7804 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, 136, 214) }
```


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

```
.border{ border-color:rgb(255, 136, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1818, 43.7234, 68.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 214) }
```

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

```
.background{ background-color: rgb(255,  
136, 214) }
```

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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