

Converting Colors

XYZ(65.7203, 52.5823, 71.3011)

Have a look what the booklet for
XYZ(65.7203, 52.5823, 71.3011)
contains.

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Color

**XYZ(65.6856, 52.6880,
70.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA6D7
RGB	251, 166, 215
RGB Percent	98%, 65%, 84%
CMY	0.0157, 0.3490, 0.1569
CMYK	0.00, 0.34, 0.14, 0.02
HSL	325°, 91%, 82%
HSV	325°, 34%, 98%
XYZ	65.6856, 52.6880, 70.9978
YIQ	197.0010, 34.9310, 33.2590

Conversions

Conversions Part 2

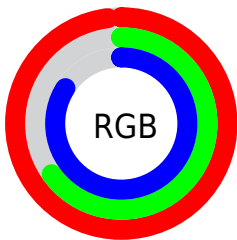
Format	Color
R_{YB}	251, 166, 215
Decimal	16492247
CIE _{Lab}	77.69, 38.22, -11.90
CIE _{LCh}	78, 40.029, 342.713
Yxy	52.6880, 0.3469, 0.2782
Android (android.graphics.Color)	4294682327 (0xFFFB6D7)
YUV	197.0010, 8.8735, 47.3571
Hunter-Lab	72.5865, 34.5034, -7.1818

Details

The XYZ color **65.6856, 52.6880, 70.9978** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.8860, 81.3670, 68.3772**, and the grayscale version is **53.0063, 55.7668, 60.7300**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **34.2426, 25.6858, 36.4108** is the 20% darker color. If you saturate the color by 10%, you get **60.2385, 43.9089, 62.6599**, and if you desaturate by 10%, it is **72.1150, 63.2882, 80.1022**.

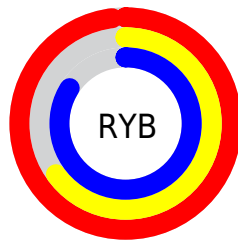
Distribution



Red (98%)

Green (65%)

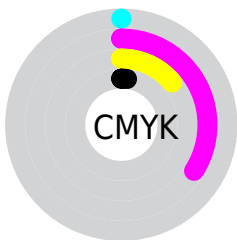
Blue (84%)



Red (98%)

Yellow (65%)

Blue (84%)

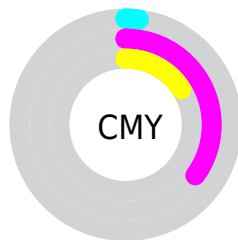


Cyan (0%)

Magenta (34%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6856, 52.6880, 70.9978 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 65.6856, 52.6880, 70.9978 by changing the saturation by 10% instead.


 65.6856, 52.6880,
70.9978


 65.6856, 52.6880,
70.9978


434.7580,
397.0870, 482.9292

 48.2840, 37.5538,
51.8586


 112.0952, 94.1451,
122.3250

 34.2640, 25.6365,
36.5109


 141.8339,
121.2368, 155.3501

 23.2604, 16.5519,
24.5362


176.4157,
153.0830, 193.8409

 14.9076, 9.9155,
15.5160

216.2059,
190.0682, 238.2159

 8.8405, 5.3430,
9.0317

261.5698,
232.5769, 288.8937

 4.6935, 2.4499,
4.6648

312.8729,

 2.1015, 0.8514,

280.9933, 346.2928

1.9967

370.4806,
335.7018, 410.8318

■ 0.6900, 0.0000,
0.5532

■ 0.0000, 0.0000,
0.0000

■ 65.6856, 52.6880,
70.9978

■ 65.6856, 52.6880,
70.9978

■ 60.2385, 43.9089,
62.6599

■ 72.1150, 63.2882,
80.1022

■ 55.7153, 36.8388,
55.0593

■ 79.5713, 75.7984,
89.9944

■ 52.0584, 31.3647,
48.1686

■ 88.1023, 90.3105,
100.6987

■ 49.2014, 27.3568,
41.9571

■ 93.5939, 99.2494,
108.8319

■ 47.0677, 24.6644,
36.3902

■ 45.5638, 23.1039,
31.4273

■ 44.8708, 22.5441,
28.6489

Harmonies

Analogous

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



60.8742, 52.6880, 94.7569



65.6856, 52.6880, 70.9978



66.0549, 52.6880, 48.4852

Triad

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



65.6856, 52.6880, 70.9978



46.8721, 52.6880, 25.0116



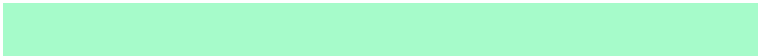
39.9141, 52.6880, 91.4334

Complementary

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



65.6856, 52.6880, 70.9978



60.8860, 81.3670, 68.3772

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.



36.9111, 52.6880, 67.2751



65.6856, 52.6880, 70.9978



40.6409, 52.6880, 31.3911

Square

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



65.6856, 52.6880, 70.9978



54.6352, 52.6880, 25.5215



37.1626, 52.6880, 45.6052



45.7822, 52.6880, 108.4858

Rectangle

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



65.6856, 52.6880, 70.9978



63.6821, 52.6880, 37.2685



37.1626, 52.6880, 45.6052



38.5646, 52.6880, 83.6415

Sweetspot

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



65.6872, 52.6904, 70.9989



85.7573, 84.1195, 97.4636



55.2507, 46.7157, 97.3724



18.0957, 17.5640, 20.5319



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.



65.6872, 52.6904, 70.9989



63.9408, 47.9056, 67.3192



60.9727, 50.8047, 46.1731



17.6641, 17.3930, 20.0868



23.6602, 11.8798, 15.4507



2.2443, 1.1215, 1.7101

Inverse Universe

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



65.6872, 52.6904, 70.9989



63.9408, 47.9056, 67.3192



66.5413, 83.6291, 98.1575



17.6641, 17.3930, 20.0868



23.6602, 11.8798, 15.4507



2.2443, 1.1215, 1.7101

Previews

White Background



This preview shows how the XYZ color 65.6856, 52.6880, 70.9978 looks on a white background.

Color Contrast Check

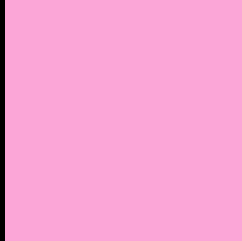
Large Text (above 18pt) WCAG AA × Fail

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 65.6856, 52.6880, 70.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

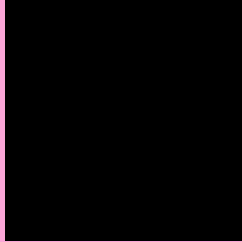
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6856, 52.6880, 70.9978

Background



This preview shows how black text looks on a background with the XYZ color 65.6856, 52.6880, 70.9978.



This preview shows how white text looks on a background with the XYZ color 65.6856, 52.6880,

70.9978.

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

65.6856, 52.6880, 70.9978

Protanopia

52.8218, 53.2215, 83.0901

Deuteranopia

53.8853, 52.8004, 68.9794



Tritanopia

61.8673, 52.7820, 52.8261

Trichromacy



Original Color

65.6856, 52.6880, 70.9978



Protanomaly

56.3310, 52.3020, 78.3605



Deuteranomaly

57.5190, 52.2093, 69.3332



Tritanomaly

63.0499, 52.6914, 59.0719

Monochromacy



Original Color

65.6856, 52.6880, 70.9978



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.0733, 54.2292, 64.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6856, 52.6880, 70.9978 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(251, 166, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 166, 215)  
}
```

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(251, 166, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 166, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.6856, 52.6880, 70.9978 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(251, 166, 215) }
```


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

```
.border{ border-color:rgb(251, 166, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 166, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 166, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 166, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 166,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6856, 52.6880, 70.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 166, 215) }
```

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

```
.background{ background-color: rgb(251,  
166, 215) }
```

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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