

Converting Colors

XYZ(65.7177, 53.0468, 75.3114)

Have a look what the booklet for
XYZ(65.7177, 53.0468, 75.3114)
contains.

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Color

**XYZ(65.7652, 53.1822,
75.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A8DD
RGB	248, 168, 221
RGB Percent	97%, 66%, 87%
CMY	0.0274, 0.3412, 0.1333
CMYK	0.00, 0.32, 0.11, 0.03
HSL	320°, 85%, 82%
HSV	320°, 32%, 97%
XYZ	65.7652, 53.1822, 75.2056
YIQ	197.9620, 30.6670, 33.4430

Conversions

Conversions Part 2

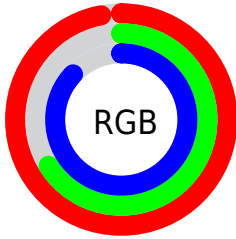
Format	Color
R _{YB}	248, 168, 221
Decimal	16296157
CIE Lab	77.98, 37.14, -14.75
CIE LCh	78, 39.964, 338.337
Yxy	53.1822, 0.3387, 0.2739
Android (android.graphics.Color)	4294486237 (0xFF8A8DD)
YUV	197.9620, 11.3577, 43.8833
Hunter-Lab	72.9261, 33.3516, -10.0950

Details

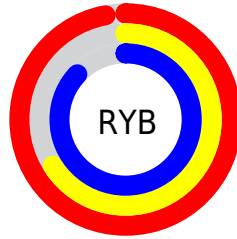
The XYZ color **65.7652, 53.1822, 75.2056** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.5685, 79.4014, 63.8197**, and the grayscale version is **53.5750, 56.3651, 61.3815**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **34.2489, 25.9618, 39.2824** is the 20% darker color. If you saturate the color by 10%, you get **60.5286, 44.4488, 68.0944**, and if you desaturate by 10%, it is **71.9337, 63.6888, 82.9029**.

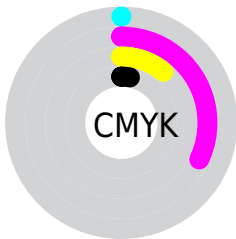
Distribution



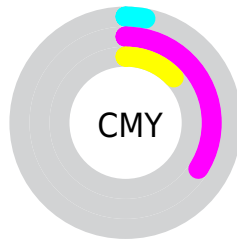
- Red (97%)
- Green (66%)
- Blue (87%)



- Red (97%)
- Yellow (66%)
- Blue (87%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7652, 53.1822, 75.2056 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 65.7652, 53.1822, 75.2056 by changing the saturation by 10% instead.


 65.7652, 53.1822,
75.2056


 65.7652, 53.1822,
75.2056


435.0386,
398.9838, 497.8982

 48.3488, 37.9482,
55.2786


 112.2089, 94.8724,
128.3531

 34.3156, 25.9425,
39.2247


 141.9669,
122.0975, 162.4107

 23.3002, 16.7806,
26.6254


176.5694,
154.0883, 202.0156

 14.9372, 10.0782,
17.0621

216.3820,
191.2294, 247.5863

 8.8614, 5.4509,
10.1164

261.7698,
233.9051, 299.5414

 4.7073, 2.5141,
5.3696

313.0983,

 2.1095, 0.8837,

282.4998, 358.2994

2.4032

370.7327,
337.3979, 424.2788

0.6944, 0.0000,
0.7882

0.0000, 0.0000,
0.0000

65.7652, 53.1822,
75.2056

65.7652, 53.1822,
75.2056

60.5286, 44.4488,
68.0944

71.9337, 63.6888,
82.9029

56.1684, 37.3814,
61.5452

79.0759, 76.0533,
91.2025

52.6307, 31.8726,
55.5366

87.2368, 90.3638,
100.1236

49.8533, 27.7991,
50.0436

92.4387, 98.6634,
108.3441

■ 47.7644, 25.0191,
45.0382

■ 92.5218, 98.6967,
108.7817

■ 46.2777, 23.3612,
40.4871

■ 45.4394, 22.6477,
37.2385

Harmonies

Analogous

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



60.4070, 53.1822, 98.4326



65.7652, 53.1822, 75.2056



66.8418, 53.1822, 51.9135

Triad

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



65.7652, 53.1822, 75.2056



48.4098, 53.1822, 25.0179



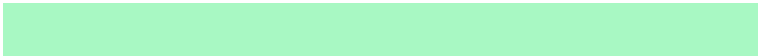
39.6984, 53.1822, 88.7552

Complementary

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



65.7652, 53.1822, 75.2056



59.5685, 79.4014, 63.8197

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.



37.1440, 53.1822, 64.3436



65.7652, 53.1822, 75.2056



41.8248, 53.1822, 30.3823

Square

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



65.7652, 53.1822, 75.2056



56.2740, 53.1822, 26.5175



37.8804, 53.1822, 43.4869



45.2244, 53.1822, 107.5489

Rectangle

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



65.7652, 53.1822, 75.2056



64.8918, 53.1822, 39.8576



37.8804, 53.1822, 43.4869



38.4910, 53.1822, 80.7165

Sweetspot

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



65.7668, 53.1846, 75.2067



86.0929, 84.2537, 99.2306



53.3679, 46.3431, 94.9402



18.1770, 17.5965, 20.9601



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.



65.7668, 53.1846, 75.2067



66.1621, 50.1298, 74.8987



61.0908, 51.3142, 50.5832



17.7295, 17.4191, 20.4311



24.6142, 12.2614, 20.4747



2.3291, 1.1554, 2.1566

Inverse Universe

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



65.7668, 53.1846, 75.2067



66.1621, 50.1298, 74.8987



64.6650, 81.4400, 90.6577



17.7295, 17.4191, 20.4311



24.6142, 12.2614, 20.4747



2.3291, 1.1554, 2.1566

Previews

White Background



This preview shows how the XYZ color 65.7652, 53.1822, 75.2056 looks on a white background.

Color Contrast Check

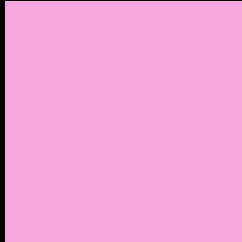
Large Text (above 18pt) WCAG AA × Fail

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 65.7652, 53.1822, 75.2056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

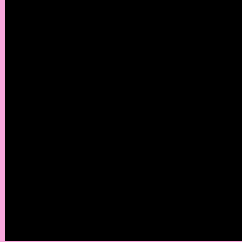
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7652, 53.1822, 75.2056

Background



This preview shows how black text looks on a background with the XYZ color 65.7652, 53.1822, 75.2056.



This preview shows how white text looks on a background with the XYZ color 65.7652, 53.1822,

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

65.7652, 53.1822, 75.2056

Protanopia

53.4453, 53.4433, 87.6195

Deuteranopia

54.5950, 53.3937, 73.0742



Tritanopia

61.4139, 53.0931, 54.0248

Trichromacy



Original Color

65.7652, 53.1822, 75.2056



Protanomaly

57.0894, 52.9019, 82.8035



Deuteranomaly

58.0922, 53.0151, 73.5008



Tritanomaly

62.7175, 53.0410, 60.9652

Monochromacy



Original Color

65.7652, 53.1822, 75.2056



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.2298, 54.5958, 65.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7652, 53.1822, 75.2056 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(248, 168, 221)` looks like.

```
.text, #text, p{  
    color:rgb(248, 168, 221)  
}
```

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(248, 168, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 168, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.7652, 53.1822, 75.2056 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(248, 168, 221) }
```


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

```
.border{ border-color:rgb(248, 168, 221) }
```

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

Here you see how a box with a 4 pixel rgb(248, 168, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 168, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 168, 221);  
box-shadow:4px 4px 4px 4px rgb(248, 168,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7652, 53.1822, 75.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 168, 221) }
```

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

```
.background{ background-color: rgb(248,  
168, 221) }
```

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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