

Converting Colors

XYZ(62.7219, 45.8100, 65.8580)

Have a look what the booklet for
XYZ(62.7219, 45.8100, 65.8580)
contains.

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Color

**XYZ(62.7219, 45.8100,
65.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90D1
RGB	255, 144, 209
RGB Percent	100%, 56%, 82%
CMY	0.0000, 0.4353, 0.1804
CMYK	0.00, 0.44, 0.18, 0.00
HSL	325°, 100%, 78%
HSV	325°, 44%, 100%
XYZ	62.7219, 45.8100, 65.8580
YIQ	184.5990, 45.2910, 43.7470

Conversions

Conversions Part 2

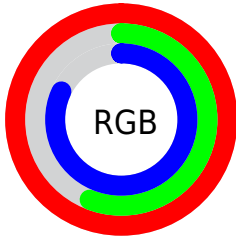
Format	Color
R _Y B	255, 144, 209
Decimal	16748753
CIE _{Lab}	73.42, 49.87, -14.96
CIE _{LCh}	73, 52.065, 343.297
Yxy	45.8100, 0.3597, 0.2627
Android (android.graphics.Color)	4294938833 (0xFFFF90D1)
YUV	184.5990, 12.0297, 61.7417
Hunter-Lab	67.6831, 46.9705, -10.3131

Details

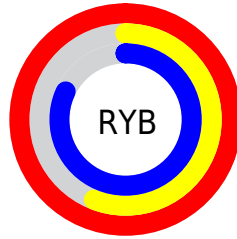
The XYZ color **62.7219, 45.8100, 65.8580** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.5577, 81.1679, 61.4046**, and the grayscale version is **45.8105, 48.1962, 52.4857**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **32.3375, 21.4146, 33.4394** is the 20% darker color. If you saturate the color by 10%, you get **58.0213, 38.4338, 58.0486**, and if you desaturate by 10%, it is **68.3836, 54.9693, 74.4171**.

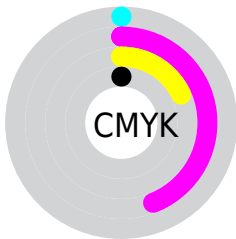
Distribution



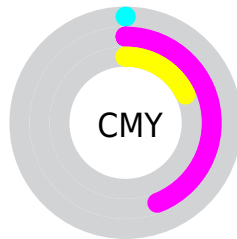
- Red (100%)
- Green (56%)
- Blue (82%)



- Red (100%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (44%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7219, 45.8100, 65.8580 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 62.7219, 45.8100, 65.8580 by changing the saturation by 10% instead.

62.7219, 45.8100,
65.8580

62.7219, 45.8100,
65.8580

424.2352,
370.0443, 464.2592

45.8741, 32.0959,
47.7014

107.8523, 83.9346,
114.9076

32.3507, 21.4348,
33.2322

136.8655,
109.1139, 146.6376

21.7863, 13.4422,
22.0318

170.6646,
138.8837, 183.7292

13.8157, 7.7337,
13.6817

209.6149,
173.6284, 226.6008

8.0734, 3.9250,
7.7634

254.0817,
213.7324, 275.6711

4.1942, 1.6317,
3.8583

304.4305,

1.8126, 0.3788,

259.5801, 331.3586

1.5480

361.0266,
311.5559, 394.0818

■ 0.5252, 0.0000,
0.2533

■ 0.0000, 0.0000,
0.0000

■ 62.7219, 45.8100,
65.8580

■ 62.7219, 45.8100,
65.8580

■ 58.0213, 38.4338,
58.0486

■ 68.3836, 54.9693,
74.4171

■ 54.2175, 32.7149,
50.9576

■ 75.0588, 66.0141,
83.7497

■ 51.2429, 28.5210,
44.5546

■ 82.7995, 79.0460,
93.8816

■ 49.0182, 25.6964,
38.8043

■ 91.6534, 94.1579,
104.8361

■ 47.4473, 24.0515, 95.0500, 100.0000,
33.6656 108.9000

■ 46.6904, 23.4402,
30.6314

Harmonies

Analogous

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



56.7968, 45.8100, 96.4370



62.7219, 45.8100, 65.8580



63.0687, 45.8100, 39.1361

Triad

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



62.7219, 45.8100, 65.8580



39.6076, 45.8100, 15.0930



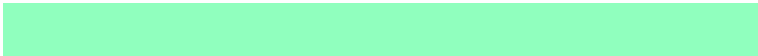
31.9204, 45.8100, 93.1786

Complementary

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



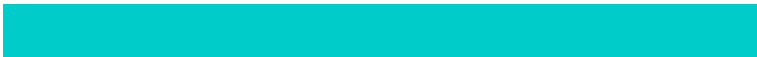
62.7219, 45.8100, 65.8580



56.5577, 81.1679, 61.4046

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.



28.5280, 45.8100, 62.4279



62.7219, 45.8100, 65.8580



32.5271, 45.8100, 21.4001

Square

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



62.7219, 45.8100, 65.8580



48.8116, 45.8100, 15.4461



28.7332, 45.8100, 36.7198



38.6642, 45.8100, 115.6228

Rectangle

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



62.7219, 45.8100, 65.8580



60.0167, 45.8100, 26.9631



28.7332, 45.8100, 36.7198



30.3956, 45.8100, 83.0815

Sweetspot

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



62.7230, 45.8120, 65.8589



83.2378, 79.7894, 94.4379



48.8630, 37.9113, 99.3500



17.4277, 16.4198, 19.7179



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.



62.7230, 45.8120, 65.8589



58.6795, 39.4498, 59.1938



57.1396, 43.5787, 36.4570



18.4556, 18.1655, 21.0162



24.4729, 12.2784, 16.4064



2.4373, 1.2173, 1.8841

Inverse Universe

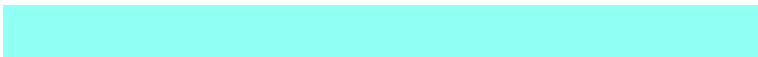
The Inverse Universe completely reimagines the original color for something new.



62.7230, 45.8120, 65.8589



58.6795, 39.4498, 59.1938



63.5768, 83.9755, 98.3669



18.4556, 18.1655, 21.0162



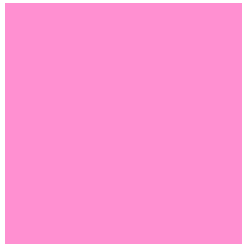
24.4729, 12.2784, 16.4064



2.4373, 1.2173, 1.8841

Previews

White Background



This preview shows how the XYZ color 62.7219, 45.8100, 65.8580 looks on a white background.

Color Contrast Check

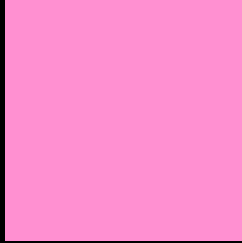
Large Text (above 18pt) WCAG AA × Fail

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 62.7219, 45.8100, 65.8580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

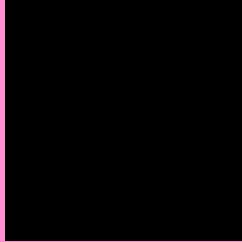
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7219, 45.8100, 65.8580

Background



This preview shows how black text looks on a background with the XYZ color 62.7219, 45.8100, 65.8580.



This preview shows how white text looks on a background with the XYZ color 62.7219, 45.8100,

65.8580.

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

62.7219, 45.8100, 65.8580

Protanopia

46.7644, 46.3389, 83.5703

Deuteranopia

47.0439, 46.0538, 62.9097



Tritanopia

57.5164, 45.7868, 40.9282

Trichromacy



Original Color

62.7219, 45.8100, 65.8580



Protanomaly

50.6440, 44.7964, 76.4983



Deuteranomaly

51.4463, 44.9557, 63.7234



Tritanomaly

59.2894, 45.8034, 48.8961

Monochromacy



Original Color

62.7219, 45.8100, 65.8580



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.6907, 46.3461, 57.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7219, 45.8100, 65.8580 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, 144, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 209)  
}
```

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, 144, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.7219, 45.8100, 65.8580 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, 144, 209) }
```


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

```
.border{ border-color:rgb(255, 144, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7219, 45.8100, 65.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 209) }
```

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

```
.background{ background-color: rgb(255,  
144, 209) }
```

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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