

Converting Colors

XYZ(62.2445, 45.1294, 64.8537)

Have a look what the booklet for
XYZ(62.2445, 45.1294, 64.8537)
contains.

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Color

**XYZ(62.2982, 45.1601,
65.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8ED0
RGB	255, 142, 208
RGB Percent	100%, 56%, 82%
CMY	0.0000, 0.4431, 0.1843
CMYK	0.00, 0.44, 0.18, 0.00
HSL	325°, 100%, 78%
HSV	325°, 44%, 100%
XYZ	62.2982, 45.1601, 65.1078
YIQ	183.3110, 46.1620, 44.4820

Conversions

Conversions Part 2

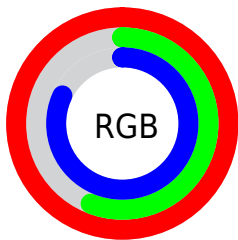
Format	Color
R _Y B	255, 142, 208
Decimal	16748240
CIE Lab	73.00, 50.72, -15.05
CIE LCh	73, 52.904, 343.470
Yxy	45.1601, 0.3610, 0.2617
Android (android.graphics.Color)	4294938320 (0xFFFF8ED0)
YUV	183.3110, 12.1717, 62.8713
Hunter-Lab	67.2013, 47.8743, -10.4021

Details

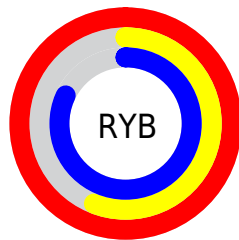
The XYZ color **62.2982, 45.1601, 65.1078** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.1024, 80.9458, 60.8146**, and the grayscale version is **45.0992, 47.4478, 51.6707**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **32.0874, 21.0483, 32.9434** is the 20% darker color. If you saturate the color by 10%, you get **57.6672, 37.9172, 57.3398**, and if you desaturate by 10%, it is **67.8863, 54.1773, 73.6265**.

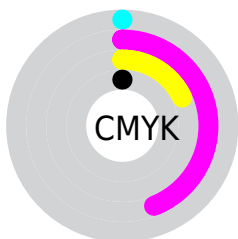
Distribution



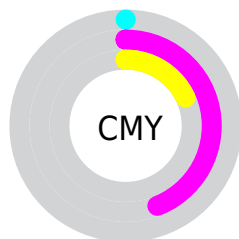
- Red (100%)
- Green (56%)
- Blue (82%)



- 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 62.2982, 45.1601, 65.1078 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 62.2982, 45.1601, 65.1078 by changing the saturation by 10% instead.


 62.2982, 45.1601,
65.1078


 62.2982, 45.1601,
65.1078

422.7182,
367.4216, 461.4961

 45.5302, 31.5835,
47.0966


 107.2439, 82.9606,
113.8196

 32.0783, 21.0436,
32.7571

 136.1523,
107.9534, 145.3573

 21.5772, 13.1559,
21.6709

169.8383,
137.5203, 182.2408

 13.6614, 7.5360,
13.4193

208.6671,
172.0458, 224.8888

 7.9657, 3.7995,
7.5838

253.0041,
211.9143, 273.7198

 4.1246, 1.5620,
3.7459

303.2148,

 1.7729, 0.3318,

257.5102, 329.1523

1.4870

359.6644,
309.2178, 391.6049

■ 0.5012, 0.0000,
0.2082

■ 0.0000, 0.0000,
0.0000

■ 62.2982, 45.1601,
65.1078

■ 62.2982, 45.1601,
65.1078

■ 57.6672, 37.9172,
57.3398

■ 67.8863, 54.1773,
73.6265

■ 53.9286, 32.3221,
50.2910

■ 74.4842, 65.0720,
82.9200

■ 51.0139, 28.2408,
43.9305

■ 82.1446, 77.9466,
93.0142

■ 48.8430, 25.5156,
38.2227

■ 90.9151, 92.8944,
103.9329

■ 47.3176, 23.9533, 95.0500, 100.0000,
33.1257 108.9000

■ 46.6595, 23.4278,
30.4688

Harmonies

Analogous

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



56.3368, 45.1601, 96.0881



62.2982, 45.1601, 65.1078



62.6133, 45.1601, 38.2504

Triad

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



62.2982, 45.1601, 65.1078



38.9181, 45.1601, 14.4413



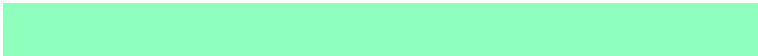
31.2821, 45.1601, 93.1179

Complementary

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



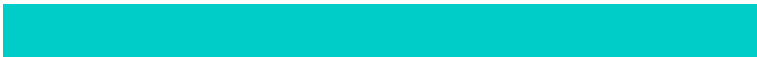
62.2982, 45.1601, 65.1078



56.1024, 80.9458, 60.8146

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.



27.8658, 45.1601, 61.9959



62.2982, 45.1601, 65.1078



31.8282, 45.1601, 20.7264

Square

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



62.2982, 45.1601, 65.1078



48.1768, 45.1601, 14.7541



28.0502, 45.1601, 36.0744



38.0664, 45.1601, 115.8208

Rectangle

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



62.2982, 45.1601, 65.1078



59.5067, 45.1601, 26.1178



28.0502, 45.1601, 36.0744



29.7483, 45.1601, 82.8925

Sweetspot

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



62.2993, 45.1621, 65.1087



83.2302, 79.7864, 94.3983



48.2675, 37.1585, 99.2361



17.4258, 16.4190, 19.7081



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.



62.2993, 45.1621, 65.1087



58.2223, 38.7704, 58.3167



56.6891, 42.9180, 35.5658



18.4544, 18.1651, 21.0099



24.4568, 12.2720, 16.3216



2.4357, 1.2167, 1.8760

Inverse Universe

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



62.2993, 45.1621, 65.1087



58.2223, 38.7704, 58.3167



63.2002, 83.7849, 98.1909



18.4544, 18.1651, 21.0099



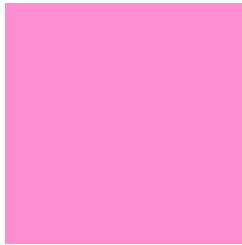
24.4568, 12.2720, 16.3216



2.4357, 1.2167, 1.8760

Previews

White Background



This preview shows how the XYZ color 62.2982, 45.1601, 65.1078 looks on a white background.

Color Contrast Check

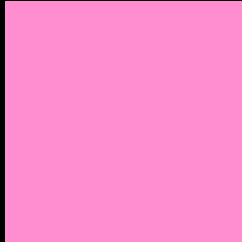
Large Text (above 18pt) WCAG AA × Fail

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 62.2982, 45.1601, 65.1078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

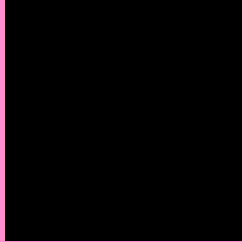
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2982, 45.1601, 65.1078

Background



This preview shows how black text looks on a background with the XYZ color 62.2982, 45.1601, 65.1078.



This preview shows how white text looks on a background with the XYZ color 62.2982, 45.1601,

65.1078.

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

62.2982, 45.1601, 65.1078

Protanopia

46.0029, 45.6663, 82.7338

Deuteranopia

46.2403, 45.3633, 62.1960



Tritanopia

57.0125, 45.0658, 39.8761

Trichromacy



Original Color

62.2982, 45.1601, 65.1078



Protanomaly

50.0631, 44.2437, 75.7133



Deuteranomaly

50.8602, 44.4029, 63.0167



Tritanomaly

58.8715, 45.1299, 48.2559

Monochromacy



Original Color

62.2982, 45.1601, 65.1078



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.8116, 45.3663, 56.0004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2982, 45.1601, 65.1078 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, 142, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 208)  
}
```

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, 142, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 208) }
```

Border

The CSS property to change the border of an element to XYZ 62.2982, 45.1601, 65.1078 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, 142, 208) }
```


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

```
.border{ border-color:rgb(255, 142, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2982, 45.1601, 65.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 208) }
```

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

```
.background{ background-color: rgb(255,  
142, 208) }
```

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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