

Converting Colors

XYZ(84.6489, 56.6899, 64.7823)

Have a look what the booklet for
XYZ(84.6489, 56.6899, 64.7823)
contains.

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Color

**XYZ(62.0536, 45.0622,
63.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8ECE
RGB	255, 142, 206
RGB Percent	100%, 56%, 81%
CMY	0.0000, 0.4431, 0.1922
CMYK	0.00, 0.44, 0.19, 0.00
HSL	326°, 100%, 78%
HSV	326°, 44%, 100%
XYZ	62.0536, 45.0622, 63.8198
YIQ	183.0830, 46.8040, 43.8600

Conversions

Conversions Part 2

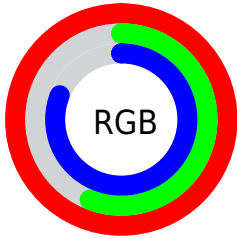
Format	Color
R_{YB}	255, 142, 206
Decimal	16748238
CIE _{Lab}	72.93, 50.43, -14.04
CIE _{LCh}	73, 52.345, 344.437
Yxy	45.0622, 0.3630, 0.2636
Android (android.graphics.Color)	4294938318 (0xFFFF8ECE)
YUV	183.0830, 11.2981, 63.0712
Hunter-Lab	67.1284, 47.5311, -9.3779

Details

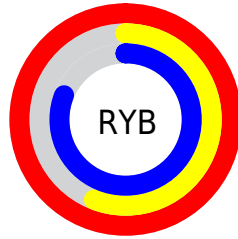
The XYZ color **62.0536, 45.0622, 63.8198** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.3210, 81.0332, 61.9660**, and the grayscale version is **44.9784, 47.3208, 51.5323**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **31.9222, 20.9822, 32.0733** is the 20% darker color. If you saturate the color by 10%, you get **57.3878, 37.8054, 55.8684**, and if you desaturate by 10%, it is **67.6837, 54.0962, 72.5600**.

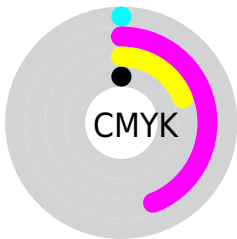
Distribution



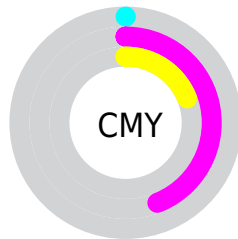
- Red (100%)
- Green (56%)
- Blue (81%)



- Red (100%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0536, 45.0622, 63.8198 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 62.0536, 45.0622, 63.8198 by changing the saturation by 10% instead.


 62.0536, 45.0622,
63.8198


 62.0536, 45.0622,
63.8198


421.8410,
367.0254, 456.7282

 45.3318, 31.5064,
46.0595

 106.8925, 82.8137,
111.9483

 31.9212, 20.9848,
31.9438


 135.7403,
107.7783, 143.1537

 21.4566, 13.1129,
21.0541


169.3608,
137.3146, 179.6777

 13.5725, 7.5063,
12.9719

208.1193,
171.8069, 221.9391

 7.9037, 3.7807,
7.2787

252.3812,
211.6398, 270.3563

 4.0846, 1.5517,
3.5559

302.5119,

 1.7501, 0.3247,

257.1976, 325.3478

1.3850

358.8767,
308.8647, 387.3323

■ 0.4873, 0.0000,
0.1300

■ 0.0000, 0.0000,
0.0000

■ 62.0536, 45.0622,
63.8198

■ 62.0536, 45.0622,
63.8198

■ 57.3878, 37.8054,
55.8684

■ 67.6837, 54.0962,
72.5600

■ 53.6213, 32.1991,
48.6731

■ 74.3312, 65.0107,
82.1144

■ 50.6856, 28.1094,
42.2017

■ 82.0488, 77.9082,
92.5101

■ 48.5001, 25.3784,
36.4171

■ 90.8845, 92.8820,
103.7718

■ 46.9664, 23.8129, 95.0500, 100.0000,
31.2762 108.9000

■ 46.3062, 23.2865,
28.6085

Harmonies

Analogous

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



56.3262, 45.0622, 94.4009



62.0536, 45.0622, 63.8198



62.1680, 45.0622, 37.5733

Triad

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



62.0536, 45.0622, 63.8198



38.6032, 45.0622, 14.7173



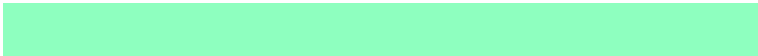
31.4840, 45.0622, 93.3243

Complementary

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



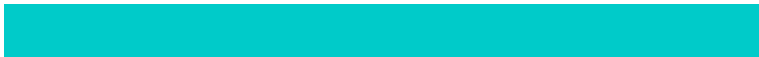
62.0536, 45.0622, 63.8198



56.3210, 81.0332, 61.9660

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.



27.9865, 45.0622, 62.6893



62.0536, 45.0622, 63.8198



31.6831, 45.0622, 21.2208

Square

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



62.0536, 45.0622, 63.8198



47.7124, 45.0622, 14.8321



28.0538, 45.0622, 36.7801



38.2931, 45.0622, 115.1368

Rectangle

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



62.0536, 45.0622, 63.8198



58.9921, 45.0622, 25.7818



28.0538, 45.0622, 36.7801



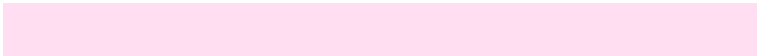
29.9280, 45.0622, 83.3197

Sweetspot

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



62.0546, 45.0642, 63.8207



83.1426, 79.7514, 93.9369



49.2024, 37.6404, 99.2798



17.4042, 16.4104, 19.5941



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.



62.0546, 45.0642, 63.8207



57.9470, 38.6603, 56.8673



56.3820, 42.7951, 33.9487



18.4404, 18.1595, 20.9362



24.2724, 12.1982, 15.3507



2.4182, 1.2096, 1.7835

Inverse Universe

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



62.0546, 45.0642, 63.8207



57.9470, 38.6603, 56.8673



63.7771, 84.0156, 101.2293



18.4404, 18.1595, 20.9362



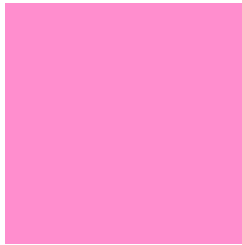
24.2724, 12.1982, 15.3507



2.4182, 1.2096, 1.7835

Previews

White Background



This preview shows how the XYZ color 62.0536, 45.0622, 63.8198 looks on a white background.

Color Contrast Check

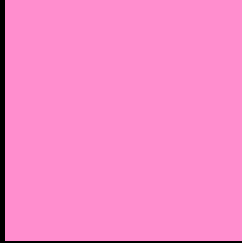
Large Text (above 18pt) WCAG AA × Fail

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 62.0536, 45.0622, 63.8198 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 62.0536, 45.0622, 63.8198

Background



This preview shows how black text looks on a background with the XYZ color 62.0536, 45.0622, 63.8198.



This preview shows how white text looks on a background with the XYZ color 62.0536, 45.0622,

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

62.0536, 45.0622, 63.8198

Protanopia

45.7310, 45.2644, 81.1895

Deuteranopia

46.2488, 45.3949, 60.9681



Tritanopia

57.0125, 45.0658, 39.8761

Trichromacy



Original Color

62.0536, 45.0622, 63.8198



Protanomaly

49.6153, 43.7771, 74.2414



Deuteranomaly

50.9092, 44.4557, 61.7747



Tritanomaly

58.7707, 45.0896, 47.7251

Monochromacy



Original Color

62.0536, 45.0622, 63.8198



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.7011, 45.3222, 55.4187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0536, 45.0622, 63.8198 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.0536, 45.0622, 63.8198 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, 206) }
```


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

```
.border{ border-color:rgb(255, 142, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0536, 45.0622, 63.8198 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
142, 206) }
```

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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