

Converting Colors

XYZ(62.2842, 44.6649, 66.5431)

Have a look what the booklet for
XYZ(62.2842, 44.6649, 66.5431)
contains.

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Color

**XYZ(62.2509, 44.6693,
66.3138)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CD2
RGB	255, 140, 210
RGB Percent	100%, 55%, 82%
CMY	0.0000, 0.4510, 0.1765
CMYK	0.00, 0.45, 0.18, 0.00
HSL	323°, 100%, 77%
HSV	323°, 45%, 100%
XYZ	62.2509, 44.6693, 66.3138
YIQ	182.3650, 46.0700, 46.1500

Conversions

Conversions Part 2

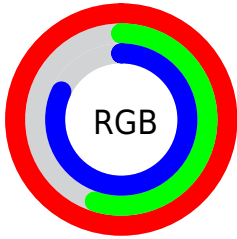
Format	Color
R _Y B	255, 140, 210
Decimal	16747730
CIE Lab	72.67, 52.00, -16.64
CIE LCh	73, 54.601, 342.252
Yxy	44.6693, 0.3593, 0.2579
Android (android.graphics.Color)	4294937810 (0xFFFF8CD2)
YUV	182.3650, 13.6241, 63.7009
Hunter-Lab	66.8351, 49.2953, -12.0430

Details

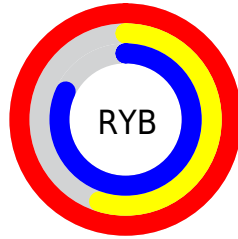
The XYZ color **62.2509, 44.6693, 66.3138** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.3339, 80.5991, 58.5430**, and the grayscale version is **44.5740, 46.8953, 51.0690**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **32.0091, 20.7579, 33.3300** is the 20% darker color. If you saturate the color by 10%, you get **57.7425, 37.5804, 58.8675**, and if you desaturate by 10%, it is **67.7023, 53.5196, 74.4579**.

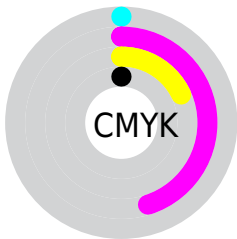
Distribution



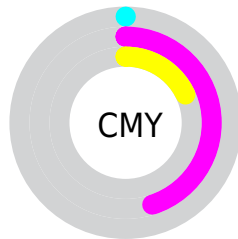
- Red (100%)
- Green (55%)
- Blue (82%)



- Red (100%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2509, 44.6693, 66.3138 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 62.2509, 44.6693, 66.3138 by changing the saturation by 10% instead.


 62.2509, 44.6693,
66.3138


 62.2509, 44.6693,
66.3138


422.5487,
365.4326, 465.9331

 45.4918, 31.1970,
48.0691

 107.1760, 82.2239,
115.5679

 32.0479, 20.7489,
33.5212

 136.0727,
107.0751, 147.4144

 21.5538, 12.9406,
22.2517


169.7460,
136.4880, 184.6318

 13.6442, 7.3877,
13.8418

208.5612,
170.8470, 227.6388

 7.9537, 3.7057,
7.8733

252.8837,
210.5366, 276.8539

 4.1169, 1.5103,
3.9273

303.0789,

 1.7685, 0.2960,

255.9411, 332.6957

1.5856

359.5121,
307.4450, 395.5825

■ 0.4986, 0.0000,
0.2805

■ 0.0000, 0.0000,
0.0000

■ 62.2509, 44.6693,
66.3138

■ 62.2509, 44.6693,
66.3138

■ 57.7425, 37.5804,
58.8675

■ 67.7023, 53.5196,
74.4579

■ 54.1120, 32.1255,
52.0889

■ 74.1493, 64.2353,
83.3227

■ 51.2905, 28.1693,
45.9486

■ 81.6447, 76.9193,
92.9326

■ 49.1972, 25.5522,
40.4120

■ 90.2362, 91.6651,
103.3102

■ 47.7323, 24.0772, 95.0500, 100.0000,
35.4386 108.9000

■ 47.1743, 23.6337,
33.1798

Harmonies

Analogous

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



55.9041, 44.6693, 98.3034



62.2509, 44.6693, 66.3138



62.8354, 44.6693, 38.3956

Triad

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



62.2509, 44.6693, 66.3138



38.7113, 44.6693, 13.4188



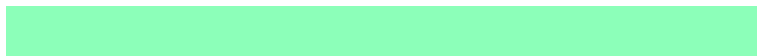
30.3627, 44.6693, 92.7635

Complementary

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



62.2509, 44.6693, 66.3138



55.3339, 80.5991, 58.5430

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.



27.0426, 44.6693, 60.5552



62.2509, 44.6693, 66.3138



31.3599, 44.6693, 19.3636

Square

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



62.2509, 44.6693, 66.3138



48.2483, 44.6693, 13.9743



27.3783, 44.6693, 34.4192



37.1484, 44.6693, 117.0624

Rectangle

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



62.2509, 44.6693, 66.3138



59.7787, 44.6693, 25.7920



27.3783, 44.6693, 34.4192



28.8531, 44.6693, 82.0823

Sweetspot

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



62.2520, 44.6713, 66.3147



82.5315, 78.4324, 94.0316



47.2172, 36.1793, 99.1024



17.2939, 16.1549, 19.6652



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.



62.2520, 44.6713, 66.3147



58.1925, 38.2751, 59.6502



56.4038, 42.3320, 35.5184



18.4739, 18.1729, 21.1127



24.7251, 12.3793, 17.7346



2.4611, 1.2268, 2.0095

Inverse Universe

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



62.2520, 44.6713, 66.3147



58.1925, 38.2751, 59.6502



62.5409, 83.4819, 96.4946



18.4739, 18.1729, 21.1127



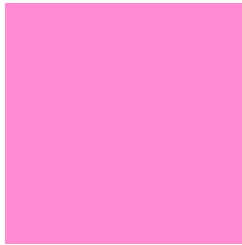
24.7251, 12.3793, 17.7346



2.4611, 1.2268, 2.0095

Previews

White Background



This preview shows how the XYZ color 62.2509, 44.6693, 66.3138 looks on a white background.

Color Contrast Check

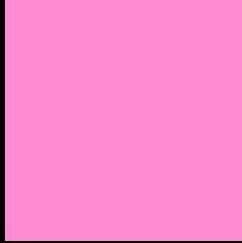
Large Text (above 18pt) WCAG AA × Fail

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 62.2509, 44.6693, 66.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

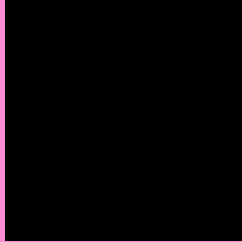
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2509, 44.6693, 66.3138

Background



This preview shows how black text looks on a background with the XYZ color 62.2509, 44.6693, 66.3138.



This preview shows how white text looks on a background with the XYZ color 62.2509, 44.6693,

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

62.2509, 44.6693, 66.3138

Protanopia

45.9667, 45.2869, 85.6754

Deuteranopia

45.8023, 44.8221, 63.3642



Tritanopia

56.7637, 44.7099, 39.3563

Trichromacy



Original Color

62.2509, 44.6693, 66.3138



Protanomaly

49.9055, 43.8327, 78.5033



Deuteranomaly

50.6393, 43.9985, 64.2161



Tritanomaly

58.5605, 44.5079, 48.1522

Monochromacy



Original Color

62.2509, 44.6693, 66.3138



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.6276, 44.9985, 55.9391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2509, 44.6693, 66.3138 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, 140, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 210)  
}
```

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, 140, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 210) }
```

Border

The CSS property to change the border of an element to XYZ 62.2509, 44.6693, 66.3138 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, 140, 210) }
```


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

```
.border{ border-color:rgb(255, 140, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2509, 44.6693, 66.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 210) }
```

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

```
.background{ background-color: rgb(255,  
140, 210) }
```

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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