

Converting Colors

XYZ(62.5125, 41.4938, 77.8032)

Have a look what the booklet for
XYZ(62.5125, 41.4938, 77.8032)
contains.

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Color

**XYZ(62.5772, 41.5287,
78.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DE4
RGB	255, 125, 228
RGB Percent	100%, 49%, 89%
CMY	0.0000, 0.5098, 0.1059
CMYK	0.00, 0.51, 0.11, 0.00
HSL	312°, 100%, 75%
HSV	312°, 51%, 100%
XYZ	62.5772, 41.5287, 78.1164
YIQ	175.6120, 44.4170, 59.5930

Conversions

Conversions Part 2

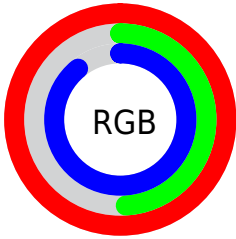
Format	Color
RYB	255, 125, 228
Decimal	16743908
CIELab	70.54, 61.94, -29.83
CIELCh	71, 68.744, 334.285
Yxy	41.5287, 0.3434, 0.2279
Android (android.graphics.Color)	4294933988 (0xFFFF7DE4)
YUV	175.6120, 25.8273, 69.6233
Hunter-Lab	64.4428, 60.5577, -26.7604

Details

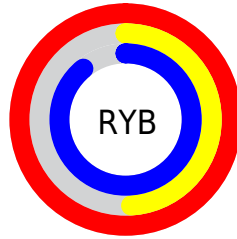
The XYZ color **62.5772, 41.5287, 78.1164** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.8865, 78.1477, 42.1632**, and the grayscale version is **40.9201, 43.0511, 46.8827**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **32.2785, 18.8486, 40.9666** is the 20% darker color. If you saturate the color by 10%, you get **59.0295, 35.5918, 73.3619**, and if you desaturate by 10%, it is **66.9779, 49.1350, 83.2673**.

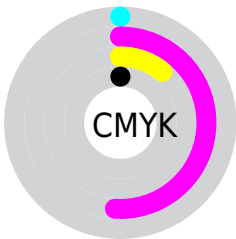
Distribution



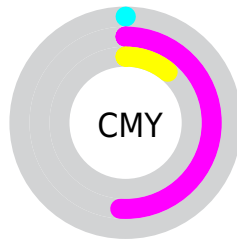
- Red (100%)
- Green (49%)
- Blue (89%)



- Red (100%)
- Yellow (49%)
- Blue (89%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5772, 41.5287, 78.1164 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 62.5772, 41.5287, 78.1164 by changing the saturation by 10% instead.

 62.5772, 41.5287,
78.1164


 62.5772, 41.5287,
78.1164

423.7175,
352.5255, 508.1004


 45.7566, 28.7324,
57.6526

 107.6446, 77.4858,
132.5016

 32.2576, 18.8785,
41.1166


 136.6220,
101.4155, 167.2600

 21.7148, 11.5825,
28.0898


 170.3825,
129.8251, 207.6204

 13.7629, 6.4601,
18.1537

209.2914,
163.0989, 254.0012

 8.0366, 3.1268,
10.8898

253.7139,
201.6215, 306.8211

 4.1704, 1.1983,
5.8796

304.0156,

 1.7990, 0.0603,

245.7772, 366.4986

2.7044

360.5617,
295.9504, 433.4522

■ 0.5170, 0.0000,
0.9456

■ 0.0000, 0.0000,
0.0000

■ 62.5772, 41.5287,
78.1164

■ 62.5772, 41.5287,
78.1164

■ 59.0295, 35.5918,
73.3619

■ 66.9779, 49.1350,
83.2673

■ 56.2668, 31.1895,
68.9788

■ 72.2866, 58.5214,
88.8325

■ 54.2156, 28.1747,
64.9421

■ 78.5574, 69.7950,
94.8314

■ 52.7865, 26.3690,
61.2208

■ 85.8389, 83.0531,
101.2813

■ 51.9050, 25.5260,
58.0914

94.1765, 98.3863,
108.1981

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



53.0843, 41.5287, 119.0047



62.5772, 41.5287, 78.1164



65.4763, 41.5287, 40.7073

Triad

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



62.5772, 41.5287, 78.1164



37.8638, 41.5287, 7.1433



24.0476, 41.5287, 90.3483

Complementary

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



62.5772, 41.5287, 78.1164



49.8865, 78.1477, 42.1632

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.



21.4650, 41.5287, 50.0495



62.5772, 41.5287, 78.1164



28.4114, 41.5287, 10.7425

Square

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



62.5772, 41.5287, 78.1164



49.7175, 41.5287, 9.0492



22.8948, 41.5287, 23.1603



30.7403, 41.5287, 128.1289

Rectangle

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



62.5772, 41.5287, 78.1164



62.8908, 41.5287, 24.0774



22.8948, 41.5287, 23.1603



22.7351, 41.5287, 76.0980

Sweetspot

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



62.5782, 41.5305, 78.1172



82.7855, 77.4758, 98.6317



38.1480, 28.4688, 98.0922



17.3914, 15.9856, 20.8204



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.



62.5782, 41.5305, 78.1172



59.0224, 35.5803, 73.3518



55.2758, 38.6095, 39.6633



18.6215, 18.2319, 21.8901



27.1777, 13.3604, 30.6497



2.6849, 1.3163, 3.1881

Inverse Universe

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



62.5782, 41.5305, 78.1172



59.0224, 35.5803, 73.3518



56.6134, 80.8385, 77.5867



18.6215, 18.2319, 21.8901



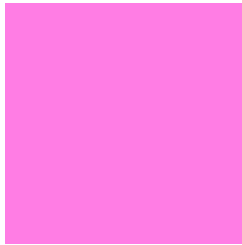
27.1777, 13.3604, 30.6497



2.6849, 1.3163, 3.1881

Previews

White Background



This preview shows how the XYZ color 62.5772, 41.5287, 78.1164 looks on a white background.

Color Contrast Check

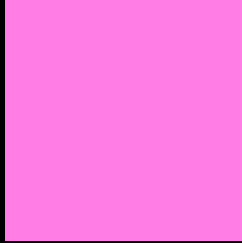
Large Text (above 18pt) WCAG AA × Fail

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 62.5772, 41.5287, 78.1164 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 62.5772, 41.5287, 78.1164

Background



This preview shows how black text looks on a background with the XYZ color 62.5772, 41.5287, 78.1164.



This preview shows how white text looks on a background with the XYZ color 62.5772, 41.5287,

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

62.5772, 41.5287, 78.1164

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

42.8100, 41.9161, 73.5444



Tritanopia

53.7805, 41.4201, 35.2973

Trichromacy



Original Color

62.5772, 41.5287, 78.1164



Protanomaly

47.8042, 39.8941, 91.5670



Deuteranomaly

48.1636, 40.4447, 75.0801



Tritanomaly

56.4667, 41.2276, 48.1616

Monochromacy



Original Color

62.5772, 41.5287, 78.1164



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

47.0841, 41.0332, 57.0684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5772, 41.5287, 78.1164 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, 125, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 228)  
}
```

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, 125, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.5772, 41.5287, 78.1164 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, 125, 228) }
```


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

```
.border{ border-color:rgb(255, 125, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 125, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 125, 228); box-shadow:4px 4px 4px 4px rgb(255, 125, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5772, 41.5287, 78.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 228) }
```

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

```
.background{ background-color: rgb(255,  
125, 228) }
```

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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