

Converting Colors

XYZ(61.8628, 41.9152, 73.6954)

Have a look what the booklet for
XYZ(61.8628, 41.9152, 73.6954)
contains.

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Color

**XYZ(61.7770, 41.7831,
73.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	FE80DE
RGB	254, 128, 222
RGB Percent	100%, 50%, 87%
CMY	0.0039, 0.4980, 0.1294
CMYK	0.00, 0.50, 0.13, 0.00
HSL	315°, 98%, 75%
HSV	315°, 50%, 100%
XYZ	61.7770, 41.7831, 73.9162
YIQ	176.3900, 44.9220, 55.9460

Conversions

Conversions Part 2

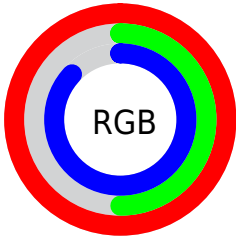
Format	Color
RYB	254, 128, 222
Decimal	16679134
CIELab	70.72, 59.31, -26.26
CIELCh	71, 64.865, 336.123
Yxy	41.7831, 0.3481, 0.2354
Android (android.graphics.Color)	4294869214 (0xFFFE80DE)
YUV	176.3900, 22.4857, 68.0640
Hunter-Lab	64.6398, 57.4746, -22.5507

Details

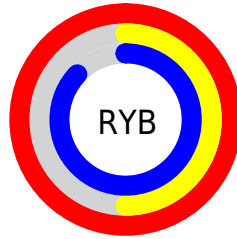
The XYZ color **61.7770, 41.7831, 73.9162** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.6909, 78.0122, 45.6470**, and the grayscale version is **41.3416, 43.4946, 47.3656**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **31.7981, 19.0269, 38.5558** is the 20% darker color. If you saturate the color by 10%, you get **58.0211, 35.6280, 68.4797**, and if you desaturate by 10%, it is **66.3977, 49.6134, 79.8049**.

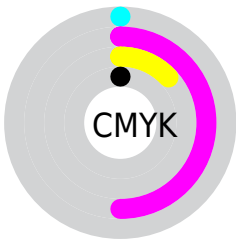
Distribution



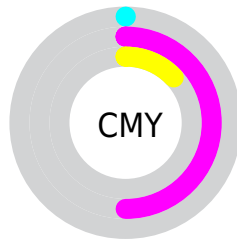
- Red (100%)
- Green (50%)
- Blue (87%)



- Red (100%)
- Yellow (50%)
- Blue (87%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7770, 41.7831, 73.9162 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 61.7770, 41.7831, 73.9162 by changing the saturation by 10% instead.


 61.7770, 41.7831,
73.9162


 61.7770, 41.7831,
73.9162


420.8477,
353.5830, 493.3398


 45.1075, 28.9315,
54.2291


 106.4949, 77.8713,
126.5100

 31.7437, 19.0290,
38.3904


 135.2740,
101.8766, 160.2537

 21.3204, 11.6912,
25.9817


 168.8203,
130.3686, 199.5200

 13.4722, 6.5338,
16.5843

207.4992,
163.7317, 244.7275

 7.8337, 3.1723,
9.7797

251.6761,
202.3503, 296.2947

 4.0397, 1.2223,
5.1495

301.7162,

 1.7246, 0.0798,

246.6088, 354.6401

2.2750

357.9850,
296.8916, 420.1823

■ 0.4716, 0.0000,
0.7171

■ 0.0000, 0.0000,
0.0000

■ 61.7770, 41.7831,
73.9162

■ 61.7770, 41.7831,
73.9162

■ 58.0211, 35.6280,
68.4797

■ 66.3977, 49.6134,
79.8049

■ 55.0625, 31.0160,
63.4701

■ 71.9362, 59.2264,
86.1642

■ 52.8302, 27.8047,
58.8622

■ 78.4456, 70.7273,
93.0139

■ 51.2380, 25.8224,
54.6254

■ 85.9740, 84.2114,
100.3718

■ 50.1507, 24.7994,
50.7128

94.5639, 99.7632,
108.2536

■ 50.1119, 24.7664,
50.5624

94.6834, 99.8110,
108.8828

Harmonies

Analogous

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



53.1909, 41.7831, 112.0388



61.7770, 41.7831, 73.9162



64.0207, 41.7831, 39.4669

Triad

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



61.7770, 41.7831, 73.9162



37.5490, 41.7831, 8.3657



25.2452, 41.7831, 90.0880

Complementary

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



61.7770, 41.7831, 73.9162



50.6909, 78.0122, 45.6470

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.



22.5000, 41.7831, 52.1069



61.7770, 41.7831, 73.9162



28.7299, 41.7831, 12.4697

Square

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



61.7770, 41.7831, 73.9162



48.6836, 41.7831, 9.9902



23.6497, 41.7831, 25.4903



31.9192, 41.7831, 123.9551

Rectangle

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



61.7770, 41.7831, 73.9162



61.3184, 41.7831, 24.0873



23.6497, 41.7831, 25.4903



23.8930, 41.7831, 76.8615

Sweetspot

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



61.7783, 41.7851, 73.9170



82.5135, 77.3669, 97.1991



40.0081, 30.0186, 97.4521



17.3254, 15.9592, 20.4730



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.



61.7783, 41.7851, 73.9170



58.4043, 35.7279, 68.8793



54.8954, 39.0319, 37.6719



18.5840, 18.2169, 21.6924



26.4822, 13.0822, 26.9875



2.6226, 1.2914, 2.8598

Inverse Universe

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



61.7783, 41.7851, 73.9170



58.4043, 35.7279, 68.8793



57.5974, 80.7748, 82.0161



18.5840, 18.2169, 21.6924



26.4822, 13.0822, 26.9875



2.6226, 1.2914, 2.8598

Previews

White Background



This preview shows how the XYZ color 61.7770, 41.7831, 73.9162 looks on a white background.

Color Contrast Check

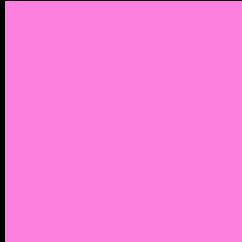
Large Text (above 18pt) WCAG AA × Fail

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 61.7770, 41.7831, 73.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

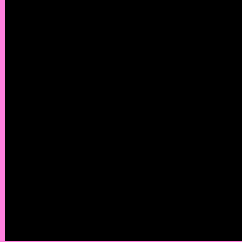
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7770, 41.7831, 73.9162

Background



This preview shows how black text looks on a background with the XYZ color 61.7770, 41.7831, 73.9162.



This preview shows how white text looks on a background with the XYZ color 61.7770, 41.7831,

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

61.7770, 41.7831, 73.9162

Protanopia

44.3064, 42.3926, 99.6133

Deuteranopia

43.0027, 42.0908, 70.1478



Tritanopia

54.0130, 41.7522, 35.7840

Trichromacy



Original Color

61.7770, 41.7831, 73.9162



Protanomaly

47.7559, 40.1678, 89.2405



Deuteranomaly

48.1957, 40.7840, 71.6616



Tritanomaly

56.6495, 41.7556, 47.7217

Monochromacy



Original Color

61.7770, 41.7831, 73.9162



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.9256, 41.4839, 55.9860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7770, 41.7831, 73.9162 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(254, 128, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 222)  
}
```

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(254, 128, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.7770, 41.7831, 73.9162 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(254, 128, 222) }
```


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

```
.border{ border-color:rgb(254, 128, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 128, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7770, 41.7831, 73.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 222) }
```

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

```
.background{ background-color: rgb(254,  
128, 222) }
```

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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