

Converting Colors

XYZ(60.5668, 44.6992, 71.4635)

Have a look what the booklet for
XYZ(60.5668, 44.6992, 71.4635)
contains.

XYZ(60.7863, 44.9056, 71.7935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7863, 44.9056,
71.7935)**

Conversions

Conversions Part 1

Format	Color
Hex	F691DA
RGB	246, 145, 218
RGB Percent	96%, 57%, 85%
CMY	0.0353, 0.4313, 0.1451
CMYK	0.00, 0.41, 0.11, 0.04
HSL	317°, 85%, 77%
HSV	317°, 41%, 96%
XYZ	60.7863, 44.9056, 71.7935
YIQ	183.5210, 36.7630, 44.1150

Conversions

Conversions Part 2

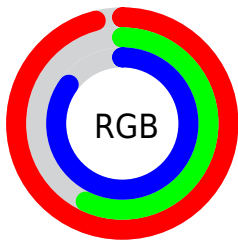
Format	Color
R _Y B	246, 145, 218
Decimal	16159194
CIE Lab	72.83, 47.90, -20.92
CIE LCh	73, 52.267, 336.405
Yxy	44.9056, 0.3425, 0.2530
Android (android.graphics.Color)	4294349274 (0xFFFF691DA)
YUV	183.5210, 16.9981, 54.7941
Hunter-Lab	67.0116, 44.6471, -16.6127

Details

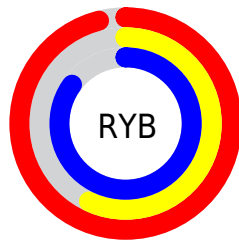
The XYZ color **60.7863, 44.9056, 71.7935** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.1776, 74.9498, 51.2550**, and the grayscale version is **45.1925, 47.5460, 51.7776**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **31.1770, 20.9900, 37.0586** is the 20% darker color. If you saturate the color by 10%, you get **56.5523, 37.8360, 66.0693**, and if you desaturate by 10%, it is **65.8736, 53.6215, 77.9843**.

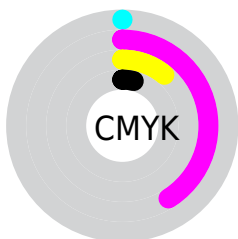
Distribution



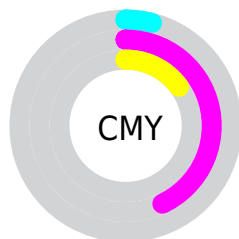
- Red (96%)
- Green (57%)
- Blue (85%)



- Red (96%)
- Yellow (57%)
- Blue (85%)



- Cyan (0%)
- Magenta (41%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7863, 44.9056, 71.7935 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 60.7863, 44.9056, 71.7935 by changing the saturation by 10% instead.


 60.7863, 44.9056,
71.7935


 60.7863, 44.9056,
71.7935


417.2785,
366.3911, 485.7807

 44.3046, 31.3831,
52.5042


 105.0693, 82.5787,
123.4679

 31.1090, 20.8907,
37.0221


 133.6014,
107.4981, 156.6901

 20.8341, 13.0441,
24.9287


166.8809,
136.9853, 195.3936

 13.1145, 7.4590,
15.8054

205.2733,
171.4246, 239.9970

 7.5850, 3.7507,
9.2337

249.1439,
211.2004, 290.9189

 3.8801, 1.5351,
4.7950

298.8580,

 1.6345, 0.3133,

256.6972, 348.5778

2.0709

354.7811,
308.2993, 413.3922

■ 0.4148, 0.0000,
0.5984

■ 0.0000, 0.0000,
0.0000

■ 60.7863, 44.9056,
71.7935

■ 60.7863, 44.9056,
71.7935

■ 56.5523, 37.8360,
66.0693

■ 65.8736, 53.6215,
77.9843

■ 53.1139, 32.3003,
60.7888

■ 71.8587, 64.0743,
84.6572

■ 50.4128, 28.1817,
55.9310

■ 78.7879, 76.3553,
91.8303

■ 48.3804, 25.3439,
51.4708

■ 86.7032, 90.5476,
99.5195

■ 46.9346, 23.6235,
47.3784

■ 91.3532, 98.1477,
106.3097

■ 46.0220, 22.7993,
43.9887

■ 91.8164, 98.3330,
108.7487

Harmonies

Analogous

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



53.9180, 44.9056, 101.2633



60.7863, 44.9056, 71.7935



62.5141, 44.9056, 43.5205

Triad

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



60.7863, 44.9056, 71.7935



40.7612, 44.9056, 14.1122



30.1025, 44.9056, 85.0267

Complementary

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



60.7863, 44.9056, 71.7935



52.1776, 74.9498, 51.2550

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.



27.5613, 44.9056, 54.6937



60.7863, 44.9056, 71.7935



33.1257, 44.9056, 18.6582

Square

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



60.7863, 44.9056, 71.7935



50.0671, 44.9056, 15.8720



28.5840, 44.9056, 31.4698



36.0603, 44.9056, 110.6095

Rectangle

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



60.7863, 44.9056, 71.7935



60.3291, 44.9056, 29.8408



28.5840, 44.9056, 31.4698



28.8621, 44.9056, 74.7052

Sweetspot

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



60.7877, 44.9077, 71.7944



84.7172, 81.4722, 98.8655



43.7607, 35.6702, 91.7681



17.9124, 17.0458, 20.9380



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.



60.7877, 44.9077, 71.7944



62.1951, 42.4249, 72.8701



55.2540, 42.6942, 42.6542



17.0062, 16.6853, 19.7791



24.6271, 12.1943, 23.8084



2.2079, 1.0891, 2.3211

Inverse Universe

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



60.7877, 44.9077, 71.7944



62.1951, 42.4249, 72.8701



57.8775, 77.2297, 81.2700



17.0062, 16.6853, 19.7791



24.6271, 12.1943, 23.8084



2.2079, 1.0891, 2.3211

Previews

White Background



This preview shows how the XYZ color 60.7863, 44.9056, 71.7935 looks on a white background.

Color Contrast Check

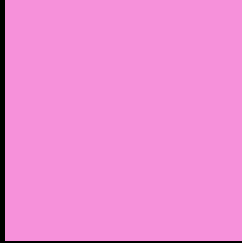
Large Text (above 18pt) WCAG AA × Fail

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 60.7863, 44.9056, 71.7935 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 60.7863, 44.9056, 71.7935

Background



This preview shows how black text looks on a background with the XYZ color 60.7863, 44.9056, 71.7935.



This preview shows how white text looks on a background with the XYZ color 60.7863, 44.9056,

71.7935.

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

60.7863, 44.9056, 71.7935

Protanopia

46.2973, 45.3722, 89.5367

Deuteranopia

46.1626, 45.1673, 69.2359



Tritanopia

54.6316, 44.7580, 42.3190

Trichromacy



Original Color

60.7863, 44.9056, 71.7935



Protanomaly

49.9013, 43.9999, 82.9535



Deuteranomaly

50.4430, 44.2946, 70.1811



Tritanomaly

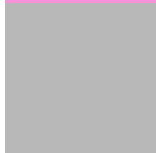
56.5475, 44.5556, 52.0741

Monochromacy



Original Color

60.7863, 44.9056, 71.7935



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.0707, 46.0004, 58.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7863, 44.9056, 71.7935 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(246, 145, 218)` looks like.

```
.text, #text, p{  
    color:rgb(246, 145, 218)  
}
```

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(246, 145, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 145, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.7863, 44.9056, 71.7935 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(246, 145, 218) }
```


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

```
.border{ border-color:rgb(246, 145, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 145, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 145, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 145, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 145,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7863, 44.9056, 71.7935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 145, 218) }
```

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

```
.background{ background-color: rgb(246,  
145, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor