

Converting Colors

XYZ(69.6812, 47.3115, 63.1319)

Have a look what the booklet for
XYZ(69.6812, 47.3115, 63.1319)
contains.

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Color

**XYZ(60.7845, 42.7180,
62.7993)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF86CD |
| RGB | 255, 134, 205 |
| RGB Percent | 100%, 53%, 80% |
| CMY | 0.0000, 0.4745, 0.1961 |
| CMYK | 0.00, 0.47, 0.20, 0.00 |
| HSL | 325°, 100%, 76% |
| HSV | 325°, 47%, 100% |
| XYZ | 60.7845, 42.7180, 62.7993 |
| YIQ | 178.2730, 49.3250, 47.7330 |

Conversions

Conversions Part 2

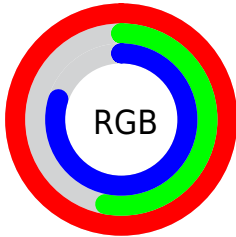
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 255, 134, 205 |
| Decimal | 16746189 |
| CIE Lab | 71.36, 54.21, -15.85 |
| CIE LCh | 71, 56.484, 343.700 |
| Yxy | 42.7180, 0.3655, 0.2569 |
| Android (android.graphics.Color) | 4294936269 (0xFFFF86CD) |
| YUV | 178.2730, 13.1764, 67.2896 |
| Hunter-Lab | 65.3590, 51.6284, -11.2167 |

Details

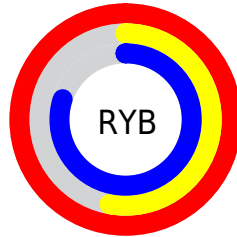
The XYZ color **60.7845, 42.7180, 62.7993** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.2450, 80.0499, 57.9430**, and the grayscale version is **42.3768, 44.5837, 48.5517**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **31.1468, 19.5621, 31.4124** is the 20% darker color. If you saturate the color by 10%, you get **56.4459, 36.0083, 55.2873**, and if you desaturate by 10%, it is **66.0606, 51.1651, 71.0474**.

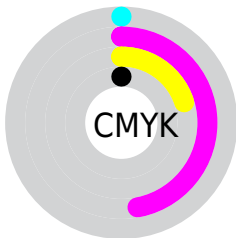
Distribution



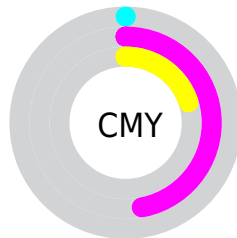
- Red (100%)
- Green (53%)
- Blue (80%)



- Red (100%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (47%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7845, 42.7180, 62.7993 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 60.7845, 42.7180, 62.7993 by changing the saturation by 10% instead.


 60.7845, 42.7180,
62.7993


 60.7845, 42.7180,
62.7993


417.2720,
357.4508, 452.9286


 44.3032, 29.6639,
45.2389


 105.0667, 79.2851,
110.4627

 31.1078, 19.5836,
31.3013


 133.5983,
103.5670, 141.4028

 20.8332, 12.0927,
20.5680


 166.8774,
132.3602, 177.6398

 13.1139, 6.8069,
12.6205

205.2692,
166.0492, 219.5924

 7.5846, 3.3416,
7.0401

249.1393,
205.0184, 267.6790

 3.8798, 1.3126,
3.4083

298.8528,

 1.6344, 0.1509,

249.6521, 322.3182

1.3067

354.7753,
300.3347, 383.9286

■ 0.4147, 0.0000,
0.0673

■ 0.0000, 0.0000,
0.0000

■ 60.7845, 42.7180,
62.7993

■ 60.7845, 42.7180,
62.7993

■ 56.4459, 36.0083,
55.2873

■ 66.0606, 51.1651,
71.0474

■ 52.9777, 30.9052,
48.4795

■ 72.3284, 61.4560,
80.0563

■ 50.3087, 27.2688,
42.3441

■ 79.6417, 73.6958,
89.8523

■ 48.3541, 24.9324,
36.8439

■ 88.0494, 87.9797,
100.4593

■ 47.0038, 23.6785, 95.0500, 100.0000,
31.9332 108.9000

■ 46.7148, 23.4499,
30.7596

Harmonies

Analogous

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



54.5784, 42.7180, 95.5264



60.7845, 42.7180, 62.7993



61.0658, 42.7180, 35.1881

Triad

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



60.7845, 42.7180, 62.7993



36.4270, 42.7180, 11.9472



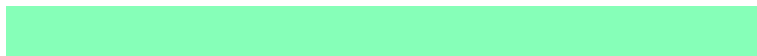
28.7736, 42.7180, 92.8386

Complementary

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



60.7845, 42.7180, 62.7993



54.2450, 80.0499, 57.9430

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.



25.3123, 42.7180, 60.0384



60.7845, 42.7180, 62.7993



29.2422, 42.7180, 18.0116

Square

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



60.7845, 42.7180, 62.7993



45.9493, 42.7180, 12.1973



25.4693, 42.7180, 33.3176



35.6869, 42.7180, 116.9809

Rectangle

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



60.7845, 42.7180, 62.7993



57.7786, 42.7180, 23.1016



25.4693, 42.7180, 33.3176



27.2196, 42.7180, 82.0049

Sweetspot

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



60.7856, 42.7200, 62.8001



82.4148, 78.3857, 93.4170



45.9631, 34.2665, 98.7993



17.2655, 16.1435, 19.5152



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.



60.7856, 42.7200, 62.8001



56.6213, 36.2737, 55.6088



54.9627, 40.3908, 32.1369



18.4565, 18.1659, 21.0212



24.4856, 12.2835, 16.4733



2.4385, 1.2178, 1.8904

Inverse Universe

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



60.7856, 42.7200, 62.8001



56.6213, 36.2737, 55.6088



61.7553, 83.0540, 97.4916



18.4565, 18.1659, 21.0212



24.4856, 12.2835, 16.4733



2.4385, 1.2178, 1.8904

Previews

White Background



This preview shows how the XYZ color 60.7845, 42.7180, 62.7993 looks on a white background.

Color Contrast Check

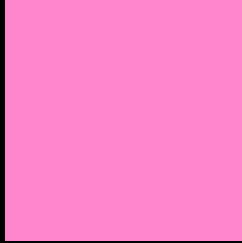
Large Text (above 18pt) WCAG AA × Fail

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 60.7845, 42.7180, 62.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

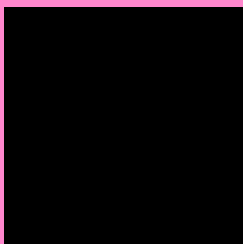
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7845, 42.7180, 62.7993

Background



This preview shows how black text looks on a background with the XYZ color 60.7845, 42.7180, 62.7993.



This preview shows how white text looks on a background with the XYZ color 60.7845, 42.7180,

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

60.7845, 42.7180, 62.7993

Protanopia

43.8071, 43.0843, 82.3511

Deuteranopia

43.9278, 43.0731, 60.0315



Tritanopia

55.3140, 42.6371, 36.3248

Trichromacy



Original Color

60.7845, 42.7180, 62.7993



Protanomaly

47.8311, 41.5395, 74.6042



Deuteranomaly

48.7819, 42.0807, 60.8096



Tritanomaly

57.0658, 42.4687, 44.7248

Monochromacy



Original Color

60.7845, 42.7180, 62.7993



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

47.4510, 42.5933, 53.2973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7845, 42.7180, 62.7993 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, 134, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 205)  
}
```

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, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 205) }
```

Border

The CSS property to change the border of an element to XYZ 60.7845, 42.7180, 62.7993 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, 134, 205) }
```


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

```
.border{ border-color:rgb(255, 134, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 134, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7845, 42.7180, 62.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 205) }
```

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

```
.background{ background-color: rgb(255,  
134, 205) }
```

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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