

Converting Colors

XYZ(60.6900, 47.0409, 62.2730)

Have a look what the booklet for
XYZ(60.6900, 47.0409, 62.2730)
contains.

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Color

**XYZ(60.5285, 46.8684,
62.3562)**

Conversions

Conversions Part 1

Format	Color
Hex	F799CB
RGB	247, 153, 203
RGB Percent	97%, 60%, 80%
CMY	0.0314, 0.4000, 0.2039
CMYK	0.00, 0.38, 0.18, 0.03
HSL	328°, 85%, 78%
HSV	328°, 38%, 97%
XYZ	60.5285, 46.8684, 62.3562
YIQ	186.8060, 39.9740, 35.4780

Conversions

Conversions Part 2

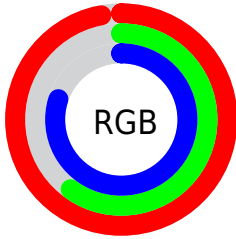
Format	Color
R _Y B	247, 153, 203
Decimal	16226763
CIE Lab	74.11, 41.79, -10.73
CIE LCh	74, 43.144, 345.595
Yxy	46.8684, 0.3566, 0.2761
Android (android.graphics.Color)	4294416843 (0xFFFF799CB)
YUV	186.8060, 7.9836, 52.7901
Hunter-Lab	68.4605, 38.0127, -6.0810

Details

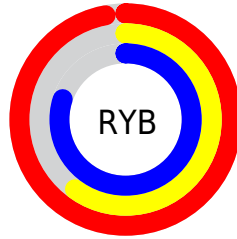
The XYZ color **60.5285, 46.8684, 62.3562** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.4777, 77.3264, 64.7757**, and the grayscale version is **47.0667, 49.5178, 53.9249**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **30.9683, 22.1031, 31.0679** is the 20% darker color. If you saturate the color by 10%, you get **55.5695, 39.0735, 54.1567**, and if you desaturate by 10%, it is **66.4297, 56.3822, 71.3778**.

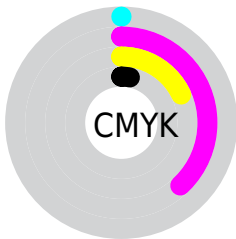
Distribution



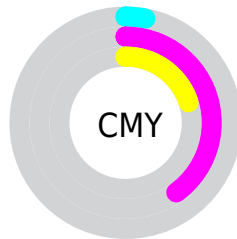
- Red (97%)
- Green (60%)
- Blue (80%)



- Red (97%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5285, 46.8684, 62.3562 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 60.5285, 46.8684, 62.3562 by changing the saturation by 10% instead.


 60.5285, 46.8684,
62.3562


 60.5285, 46.8684,
62.3562


416.3467,
374.2890, 451.2727

 44.0959, 32.9316,
44.8829


 104.6979, 85.5172,
109.8168

 30.9441, 22.0741,
31.0229


 133.1654,
110.9979, 140.6411

 20.7079, 13.9113,
20.3577


166.3752,
141.0955, 176.7529

 13.0219, 8.0590,
12.4687

204.6927,
176.1942, 218.5708

 7.5207, 4.1327,
6.9373

248.4833,
216.6786, 266.5131

 3.8390, 1.7481,
3.3451

298.1122,

 1.6115, 0.4545,

262.9329, 320.9985

1.2734

353.9449,
315.3416, 382.4455

■ 0.3999, 0.0000,
0.0399

■ 0.0000, 0.0000,
0.0000

■ 60.5285, 46.8684,
62.3562

■ 60.5285, 46.8684,
62.3562

■ 55.5695, 39.0735,
54.1567

■ 66.4297, 56.3822,
71.3778

■ 51.4944, 32.8860,
46.7475

■ 73.3187, 67.7041,
81.2458

■ 48.2444, 28.1916,
40.0980

■ 81.2430, 80.9254,
91.9870

■ 45.7514, 24.8577,
34.1738

■ 90.2456, 96.1288,
103.6256

■ 43.9353, 22.7282,
28.9359

■ 92.1680, 98.5143,
108.7651

■ 42.6873, 21.5895,
24.3353

■ 42.4804, 21.4232,
23.5032

Harmonies

Analogous

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



56.0169, 46.8684, 86.9373



60.5285, 46.8684, 62.3562



60.4306, 46.8684, 40.4337

Triad

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



60.5285, 46.8684, 62.3562



40.6739, 46.8684, 20.0576



34.9457, 46.8684, 87.8313

Complementary

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



60.5285, 46.8684, 62.3562



56.4777, 77.3264, 64.7757

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.



31.7233, 46.8684, 63.3365



60.5285, 46.8684, 62.3562



34.7605, 46.8684, 26.6884

Square

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



60.5285, 46.8684, 62.3562



48.3432, 46.8684, 19.9352



31.6597, 46.8684, 41.1687



40.9550, 46.8684, 104.2819

Rectangle

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



60.5285, 46.8684, 62.3562



57.7420, 46.8684, 30.0693



31.6597, 46.8684, 41.1687



33.5329, 46.8684, 79.9946

Sweetspot

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



60.5299, 46.8706, 62.3571



84.7028, 82.5738, 95.3757



51.1729, 41.3527, 93.2811



17.8778, 17.2528, 20.0749



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.



60.5299, 46.8706, 62.3571



60.7214, 43.5254, 59.9000



55.7628, 44.9638, 37.2542



16.8675, 16.6299, 19.0490



22.5388, 11.3590, 12.8118



2.0329, 1.0191, 1.3994

Inverse Universe

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



60.5299, 46.8706, 62.3571



60.7214, 43.5254, 59.9000



62.7081, 79.8185, 97.5841



16.8675, 16.6299, 19.0490



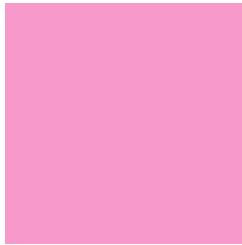
22.5388, 11.3590, 12.8118



2.0329, 1.0191, 1.3994

Previews

White Background



This preview shows how the XYZ color 60.5285, 46.8684, 62.3562 looks on a white background.

Color Contrast Check

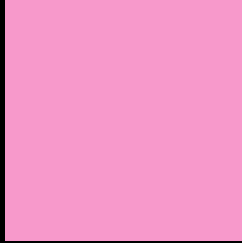
Large Text (above 18pt) WCAG AA × Fail

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 60.5285, 46.8684, 62.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

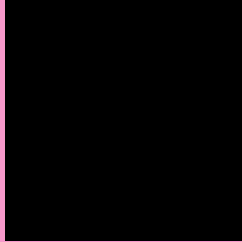
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5285, 46.8684, 62.3562

Background



This preview shows how black text looks on a background with the XYZ color 60.5285, 46.8684, 62.3562.



This preview shows how white text looks on a background with the XYZ color 60.5285, 46.8684,

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

60.5285, 46.8684, 62.3562

Protanopia

47.0306, 47.2669, 75.0513

Deuteranopia

48.0233, 46.9053, 60.5554



Tritanopia

56.7110, 46.7912, 44.5707

Trichromacy



Original Color

60.5285, 46.8684, 62.3562



Protanomaly

50.7879, 46.3984, 69.8973



Deuteranomaly

51.8685, 46.3215, 60.8508



Tritanomaly

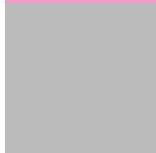
57.9124, 46.7659, 50.7742

Monochromacy



Original Color

60.5285, 46.8684, 62.3562



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.2501, 48.0655, 57.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5285, 46.8684, 62.3562 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(247, 153, 203)` looks like.

```
.text, #text, p{  
    color:rgb(247, 153, 203)  
}
```

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(247, 153, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 153, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.5285, 46.8684, 62.3562 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(247, 153, 203) }
```


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

```
.border{ border-color:rgb(247, 153, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 153, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 153, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 153, 203);  
box-shadow:4px 4px 4px 4px rgb(247, 153,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5285, 46.8684, 62.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 153, 203) }
```

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

```
.background{ background-color: rgb(247,  
153, 203) }
```

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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