

Converting Colors

XYZ(59.7684, 46.0290, 63.4622)

Have a look what the booklet for
XYZ(59.7684, 46.0290, 63.4622)
contains.

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Color

**XYZ(59.7422, 45.9535,
63.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	F597CD
RGB	245, 151, 205
RGB Percent	96%, 59%, 80%
CMY	0.0392, 0.4078, 0.1961
CMYK	0.00, 0.38, 0.16, 0.04
HSL	326°, 82%, 78%
HSV	326°, 38%, 96%
XYZ	59.7422, 45.9535, 63.4788
YIQ	185.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

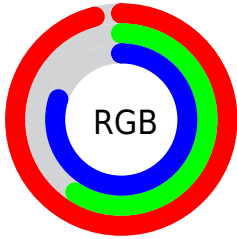
Format	Color
R_{YB}	245, 151, 205
Decimal	16095181
CIE _{Lab}	73.52, 42.46, -12.74
CIE _{LCh}	74, 44.331, 343.297
Yxy	45.9535, 0.3531, 0.2716
Android (android.graphics.Color)	4294285261 (0xFFFF597CD)
YUV	185.2620, 9.7308, 52.3902
Hunter-Lab	67.7890, 38.6806, -8.0679

Details

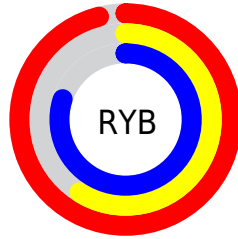
The XYZ color **59.7422, 45.9535, 63.4788** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.8209, 75.6469, 61.0055**, and the grayscale version is **46.1936, 48.5993, 52.9246**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **30.4471, 21.5345, 31.8300** is the 20% darker color. If you saturate the color by 10%, you get **54.9845, 38.3850, 55.8892**, and if you desaturate by 10%, it is **65.4058, 55.1983, 71.7851**.

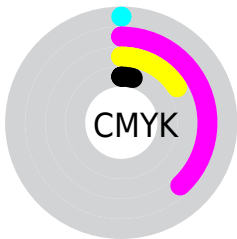
Distribution



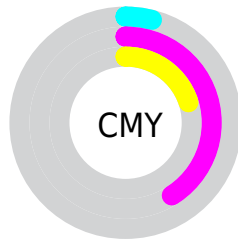
- Red (96%)
- Green (59%)
- Blue (80%)



- Red (96%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7422, 45.9535, 63.4788 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 59.7422, 45.9535, 63.4788 by changing the saturation by 10% instead.


 59.7422, 45.9535,
63.4788


 59.7422, 45.9535,
63.4788


413.4969,
370.6217, 455.4608

 43.4595, 32.2091,
45.7852

 103.5641, 84.1494,
111.4522

 30.4419, 21.5213,
31.7289

 131.8340,
109.3697, 142.5691

 20.3240, 13.5056,
20.8914


164.8304,
139.1841, 178.9975

 12.7404, 7.7776,
12.8542

202.9186,
173.9771, 221.1559

 7.3258, 3.9530,
7.1987

246.4640,
214.1329, 269.4629

 3.7148, 1.6473,
3.5063

295.8320,

 1.5421, 0.3892,

260.0360, 324.3370

1.3586

351.3878,
312.0708, 386.1968

■ 0.3542, 0.0000,
0.1091

■ 0.0000, 0.0000,
0.0000

■ 59.7422, 45.9535,
63.4788

■ 59.7422, 45.9535,
63.4788

■ 54.9845, 38.3850,
55.8892

■ 65.4058, 55.1983,
71.7851

■ 51.0757, 32.3835,
48.9879

■ 72.0195, 66.2070,
80.8293

■ 47.9588, 27.8366,
42.7481

■ 79.6293, 79.0689,
90.6347

■ 45.5672, 24.6143,
37.1392

■ 88.2771, 93.8652,
101.2225

■ 43.8228, 22.5629,
32.1263

■ 91.4664, 98.1526,
108.7323

■ 42.6158, 21.4659,
27.6638

■ 42.4447, 21.3279,
26.9775

Harmonies

Analogous

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



54.8366, 45.9535, 88.4332



59.7422, 45.9535, 63.4788



60.0280, 45.9535, 40.7596

Triad

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



59.7422, 45.9535, 63.4788



40.3055, 45.9535, 18.7118



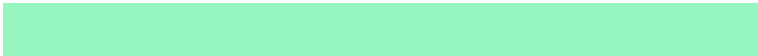
33.6110, 45.9535, 85.8106

Complementary

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



59.7422, 45.9535, 63.4788



54.8209, 75.6469, 61.0055

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.



30.6033, 45.9535, 60.6218



59.7422, 45.9535, 63.4788



34.1452, 45.9535, 24.7582

Square

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



59.7422, 45.9535, 63.4788



48.1488, 45.9535, 19.0582



30.7863, 45.9535, 38.6384



39.4918, 45.9535, 103.7360

Rectangle

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



59.7422, 45.9535, 63.4788



57.5080, 45.9535, 29.9019



30.7863, 45.9535, 38.6384



32.2637, 45.9535, 77.6340

Sweetspot

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



59.7436, 45.9556, 63.4797



84.0270, 81.1961, 95.2308



48.8270, 39.6970, 91.4755



17.7496, 16.9807, 20.0808



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.



59.7436, 45.9556, 63.4797



61.3149, 43.7628, 63.0253



54.9681, 44.0454, 38.3322



16.8982, 16.6421, 19.2103



22.9365, 11.5180, 14.9058



2.0673, 1.0329, 1.5805

Inverse Universe

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



59.7436, 45.9556, 63.4797



61.3149, 43.7628, 63.0253



60.7268, 78.0093, 92.1059



16.8982, 16.6421, 19.2103



22.9365, 11.5180, 14.9058



2.0673, 1.0329, 1.5805

Previews

White Background



This preview shows how the XYZ color 59.7422, 45.9535, 63.4788 looks on a white background.

Color Contrast Check

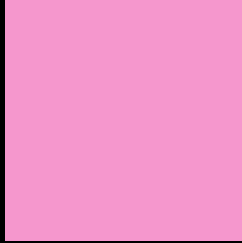
Large Text (above 18pt) WCAG AA × Fail

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 59.7422, 45.9535, 63.4788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

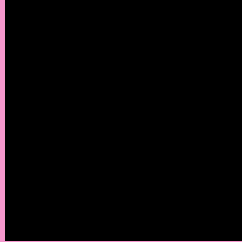
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7422, 45.9535, 63.4788

Background



This preview shows how black text looks on a background with the XYZ color 59.7422, 45.9535, 63.4788.



This preview shows how white text looks on a background with the XYZ color 59.7422, 45.9535,

63.4788.

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

59.7422, 45.9535, 63.4788

Protanopia

46.3692, 46.2799, 77.0100

Deuteranopia

47.3032, 46.2149, 61.6856



Tritanopia

55.7582, 46.0568, 43.9813

Trichromacy



Original Color

59.7422, 45.9535, 63.4788



Protanomaly

50.0011, 45.3915, 71.7717



Deuteranomaly

51.0577, 45.6033, 61.9884



Tritanomaly

56.8865, 45.7388, 50.6300

Monochromacy



Original Color

59.7422, 45.9535, 63.4788



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.1901, 46.9583, 56.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7422, 45.9535, 63.4788 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(245, 151, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 151, 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(245, 151, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 151, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.7422, 45.9535, 63.4788 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(245, 151, 205) }
```


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

```
.border{ border-color:rgb(245, 151, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 151, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 151, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 151, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 151,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7422, 45.9535, 63.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 151, 205) }
```

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

```
.background{ background-color: rgb(245,  
151, 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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