

Converting Colors

XYZ(61.5742, 45.9901, 60.8102)

Have a look what the booklet for
XYZ(61.5742, 45.9901, 60.8102)
contains.

| | |
|--|----|
| XYZ(61.4843, 45.9671, 60.8903) | 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(61.4843, 45.9671,
60.8903)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FD93C9 |
| RGB | 253, 147, 201 |
| RGB Percent | 99%, 58%, 79% |
| CMY | 0.0078, 0.4235, 0.2118 |
| CMYK | 0.00, 0.42, 0.21, 0.01 |
| HSL | 329°, 96%, 78% |
| HSV | 329°, 42%, 99% |
| XYZ | 61.4843, 45.9671, 60.8903 |
| YIQ | 184.8500, 45.8420, 39.2660 |

Conversions

Conversions Part 2

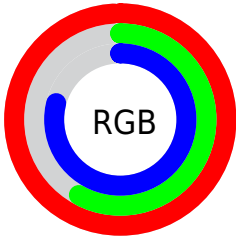
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 253, 147, 201 |
| Decimal | 16618441 |
| CIE Lab | 73.52, 46.55, -10.42 |
| CIE LCh | 74, 47.699, 347.377 |
| Yxy | 45.9671, 0.3652, 0.2731 |
| Android (android.graphics.Color) | 4294808521 (0xFFFD93C9) |
| YUV | 184.8500, 7.9620, 59.7676 |
| Hunter-Lab | 67.7990, 43.2263, -5.7890 |

Details

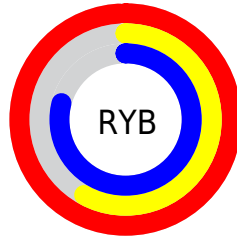
The XYZ color **61.4843, 45.9671, 60.8903** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.4687, 80.5783, 66.5608**, and the grayscale version is **45.9713, 48.3654, 52.6699**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **31.4289, 21.4046, 30.0788** is the 20% darker color. If you saturate the color by 10%, you get **56.5725, 38.3861, 52.3381**, and if you desaturate by 10%, it is **67.3819, 55.3297, 70.3542**.

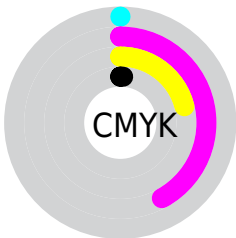
Distribution



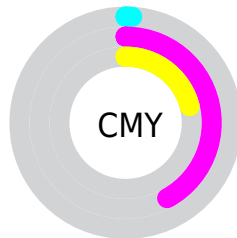
- Red (99%)
- Green (58%)
- Blue (79%)



- Red (99%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4843, 45.9671, 60.8903 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 61.4843, 45.9671, 60.8903 by changing the saturation by 10% instead.

 61.4843, 45.9671,
60.8903


 61.4843, 45.9671,
60.8903


419.7951,
370.6764, 445.7671

 44.8702, 32.2199,
43.7067

 106.0740, 84.1698,
107.6761

 31.5560, 21.5295,
30.1045


 134.7803,
109.3940, 138.1153

 21.1765, 13.5116,
19.6652


168.2480,
139.2126, 173.8101

 13.3663, 7.7818,
11.9702

206.8424,
174.0101, 215.1790

 7.7600, 3.9556,
6.6011

250.9290,
214.1708, 262.6407

 3.9923, 1.6488,
3.1393

300.8731,

 1.6978, 0.3901,

260.0792, 316.6135

1.1662

357.0400,
312.1196, 377.5162

■ 0.4549, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4843, 45.9671,
60.8903

■ 61.4843, 45.9671,
60.8903

■ 56.5725, 38.3861,
52.3381

■ 67.3819, 55.3297,
70.3542

■ 52.5822, 32.4644,
44.6611

■ 74.3159, 66.5727,
80.7585

■ 49.4478, 28.0746,
37.8236

■ 82.3384, 79.7952,
92.1337

■ 47.0923, 25.0675,
31.7852

■ 91.4964, 95.0876,
104.5081

■ 45.4233, 23.2635,
26.4998

94.3182, 99.6227,
108.8658

■ 44.4627, 22.4646,
22.7201

Harmonies

Analogous

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



56.7294, 45.9671, 88.5051



61.4843, 45.9671, 60.8903



61.0484, 45.9671, 37.4318

Triad

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



61.4843, 45.9671, 60.8903



39.0279, 45.9671, 17.5436



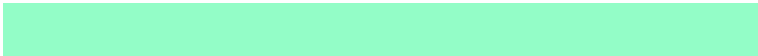
33.6118, 45.9671, 92.5457

Complementary

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



61.4843, 45.9671, 60.8903



57.4687, 80.5783, 66.5608

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.



29.9804, 45.9671, 65.2271



61.4843, 45.9671, 60.8903



32.8201, 45.9671, 24.7460

Square

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



61.4843, 45.9671, 60.8903



47.3274, 45.9671, 17.0529



29.7105, 45.9671, 40.5799



40.2446, 45.9671, 110.3564

Rectangle

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



61.4843, 45.9671, 60.8903



57.8712, 45.9671, 26.8361



29.7105, 45.9671, 40.5799



32.0388, 45.9671, 83.8333

Sweetspot

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



61.4856, 45.9693, 60.8912



82.8626, 79.6394, 92.4623



51.5156, 39.9993, 97.9344



17.3351, 16.3827, 19.2302



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.



61.4856, 45.9693, 60.8912



58.4585, 40.3940, 54.8466



56.3496, 43.9149, 33.8453



18.3956, 18.1415, 20.7001



23.7263, 11.9798, 12.4752



2.3653, 1.1885, 1.5053

Inverse Universe

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



61.4856, 45.9693, 60.8912



58.4585, 40.3940, 54.8466



64.6087, 83.4343, 104.1594



18.3956, 18.1415, 20.7001



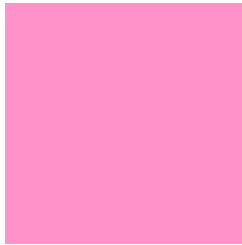
23.7263, 11.9798, 12.4752



2.3653, 1.1885, 1.5053

Previews

White Background



This preview shows how the XYZ color 61.4843, 45.9671, 60.8903 looks on a white background.

Color Contrast Check

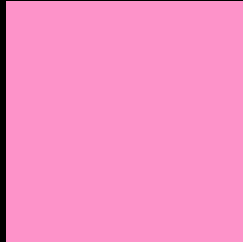
Large Text (above 18pt) WCAG AA × Fail

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 61.4843, 45.9671, 60.8903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

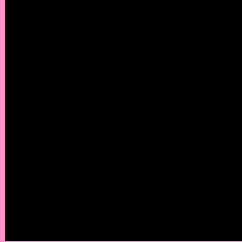
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4843, 45.9671, 60.8903

Background



This preview shows how black text looks on a background with the XYZ color 61.4843, 45.9671, 60.8903.



This preview shows how white text looks on a background with the XYZ color 61.4843, 45.9671,

60.8903.

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

61.4843, 45.9671, 60.8903

Protanopia

46.0995, 46.1721, 75.5896

Deuteranopia

47.2274, 46.2427, 58.6611



Tritanopia

57.4141, 45.9676, 41.4439

Trichromacy



Original Color

61.4843, 45.9671, 60.8903



Protanomaly

50.0437, 44.9100, 69.6492



Deuteranomaly

51.3797, 45.2836, 59.4587



Tritanomaly

58.5268, 45.6716, 47.8503

Monochromacy



Original Color

61.4843, 45.9671, 60.8903



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.5452, 46.5890, 55.6188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4843, 45.9671, 60.8903 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(253, 147, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 147, 201)  
}
```

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(253, 147, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 147, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.4843, 45.9671, 60.8903 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(253, 147, 201) }
```


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

```
.border{ border-color:rgb(253, 147, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 147, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 147, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 147, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 147,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4843, 45.9671, 60.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 147, 201) }
```

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

```
.background{ background-color: rgb(253,  
147, 201) }
```

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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