

Converting Colors

XYZ(61.6535, 47.3906, 54.0419)

Have a look what the booklet for
XYZ(61.6535, 47.3906, 54.0419)
contains.

XYZ(61.6535, 47.3906, 54.0419)	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(61.6535, 47.3906,
54.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98BD
RGB	255, 152, 189
RGB Percent	100%, 60%, 74%
CMY	0.0000, 0.4039, 0.2588
CMYK	0.00, 0.40, 0.26, 0.00
HSL	338°, 100%, 80%
HSV	338°, 40%, 100%
XYZ	61.6535, 47.3906, 54.0419
YIQ	187.0150, 49.5110, 33.3430

Conversions

Conversions Part 2

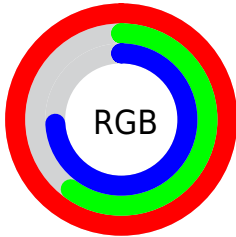
Format	Color
R_{YB}	255, 152, 189
Decimal	16750781
CIE _{Lab}	74.44, 43.00, -2.42
CIE _{LCh}	74, 43.068, 356.777
Yxy	47.3906, 0.3780, 0.2906
Android (android.graphics.Color)	4294940861 (0xFFFF98BD)
YUV	187.0150, 0.9786, 59.6228
Hunter-Lab	68.8408, 39.3922, 1.6443

Details

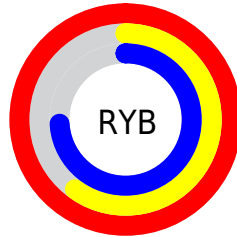
The XYZ color **61.6535, 47.3906, 54.0419** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.3658, 83.2583, 79.1698**, and the grayscale version is **47.2189, 49.6779, 54.0993**.

A 20% lighter version of the original color is **80.2773, 72.9643, 96.2387**, and **31.6707, 22.4370, 25.9541** is the 20% darker color. If you saturate the color by 10%, you get **56.2758, 39.3156, 43.9857**, and if you desaturate by 10%, it is **68.1232, 57.3292, 65.4492**.

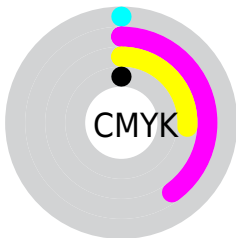
Distribution



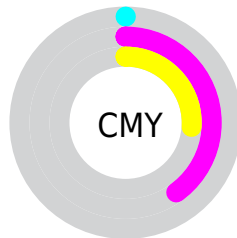
- Red (100%)
- Green (60%)
- Blue (74%)



- Red (100%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6535, 47.3906, 54.0419 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 61.6535, 47.3906, 54.0419 by changing the saturation by 10% instead.


 61.6535, 47.3906,
54.0419

 61.6535, 47.3906,
54.0419


420.4038,
376.3715, 419.4489

 45.0073, 33.3445,
38.2418


 106.3173, 86.2964,
97.5928

 31.6645, 22.3905,
25.8671


 135.0657,
111.9249, 126.1806

 21.2597, 14.1441,
16.4994


168.5789,
142.1830, 159.8681

 13.4275, 8.2210,
9.7200

207.2222,
177.4551, 199.0737

 7.8026, 4.2367,
5.1106

251.3610,
218.1256, 244.2161

 4.0196, 1.8068,
2.2524

301.3606,

 1.7132, 0.4914,

264.5789, 295.7137

0.7044

357.5864,
317.1994, 353.9851

■ 0.4645, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6535, 47.3906,
54.0419

■ 61.6535, 47.3906,
54.0419

■ 56.2758, 39.3156,
43.9857

■ 68.1232, 57.3292,
65.4492

■ 51.9222, 32.9798,
35.2237

■ 75.7398, 69.2320,
78.2554

■ 48.5227, 28.2540,
27.6990

■ 84.5590, 83.2005,
92.5091

■ 45.9961, 24.9879,
21.3480

■ 94.6316, 99.3270,
108.2559

■ 44.2467, 23.0022, 95.0500, 100.0000,
16.1000 108.9000

■ 43.1540, 22.0256,
12.0092

Harmonies

Analogous

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



58.7220, 47.3906, 78.7504



61.6535, 47.3906, 54.0419



59.7295, 47.3906, 34.6355

Triad

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



61.6535, 47.3906, 54.0419



38.6467, 47.3906, 22.0678



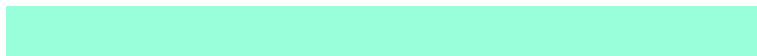
37.3488, 47.3906, 96.2681

Complementary

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



61.6535, 47.3906, 54.0419



61.3658, 83.2583, 79.1698

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.



32.9864, 47.3906, 73.3588



61.6535, 47.3906, 54.0419



33.6732, 47.3906, 31.5404

Square

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



61.6535, 47.3906, 54.0419



45.8880, 47.3906, 19.6017



31.7215, 47.3906, 49.2334



44.2091, 47.3906, 107.1426

Rectangle

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



61.6535, 47.3906, 54.0419



56.0606, 47.3906, 26.2943



31.7215, 47.3906, 49.2334



35.5733, 47.3906, 89.4474

Sweetspot

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



61.6547, 47.3928, 54.0428



83.0553, 80.8074, 90.1138



57.9648, 44.4666, 100.1356



17.5213, 16.8894, 18.8783



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.



61.6547, 47.3928, 54.0428



57.4654, 41.0827, 46.2690



60.4969, 50.7049, 36.3072



18.2789, 18.0949, 20.0860



22.6135, 11.5347, 6.6153



2.2518, 1.1431, 0.9072

Inverse Universe

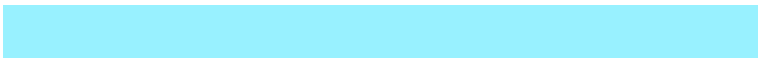
The Inverse Universe completely reimagines the original color for something new.



61.6547, 47.3928, 54.0428



57.4654, 41.0827, 46.2690



62.5347, 76.9652, 106.1676



18.2789, 18.0949, 20.0860



22.6135, 11.5347, 6.6153



2.2518, 1.1431, 0.9072

Previews

White Background



This preview shows how the XYZ color 61.6535, 47.3906, 54.0419 looks on a white background.

Color Contrast Check

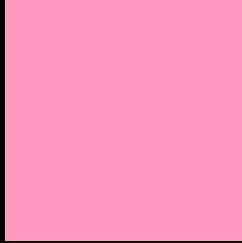
Large Text (above 18pt) WCAG AA × Fail

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 61.6535, 47.3906, 54.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

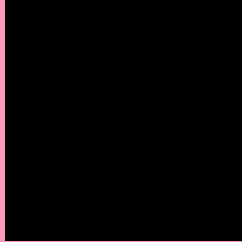
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6535, 47.3906, 54.0419

Background



This preview shows how black text looks on a background with the XYZ color 61.6535, 47.3906, 54.0419.



This preview shows how white text looks on a background with the XYZ color 61.6535, 47.3906,

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

61.6535, 47.3906, 54.0419

Protanopia

46.8128, 47.6642, 65.7643

Deuteranopia

48.7647, 47.7611, 52.5476



Tritanopia

59.3715, 47.4496, 42.5887

Trichromacy



Original Color

61.6535, 47.3906, 54.0419



Protanomaly

50.7204, 46.5613, 60.9576



Deuteranomaly

52.8697, 47.2933, 52.7964



Tritanomaly

60.3323, 47.6087, 46.5670

Monochromacy



Original Color

61.6535, 47.3906, 54.0419



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.3645, 47.9000, 54.1154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6535, 47.3906, 54.0419 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, 152, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 189)  
}
```

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, 152, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.6535, 47.3906, 54.0419 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, 152, 189) }
```


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

```
.border{ border-color:rgb(255, 152, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6535, 47.3906, 54.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 189) }
```

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

```
.background{ background-color: rgb(255,  
152, 189) }
```

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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