

Converting Colors

XYZ(61.4691, 43.8932, 63.6250)

Have a look what the booklet for
XYZ(61.4691, 43.8932, 63.6250)
contains.

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Color

**XYZ(61.4691, 43.8932,
63.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8ACE
RGB	255, 138, 206
RGB Percent	100%, 54%, 81%
CMY	0.0000, 0.4588, 0.1922
CMYK	0.00, 0.46, 0.19, 0.00
HSL	325°, 100%, 77%
HSV	325°, 46%, 100%
XYZ	61.4691, 43.8932, 63.6250
YIQ	180.7350, 47.9040, 45.9520

Conversions

Conversions Part 2

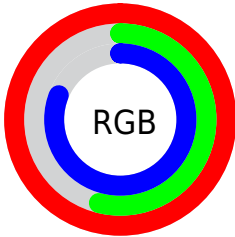
Format	Color
R _Y B	255, 138, 206
Decimal	16747214
CIE Lab	72.16, 52.40, -15.21
CIE LCh	72, 54.566, 343.813
Yxy	43.8932, 0.3637, 0.2597
Android (android.graphics.Color)	4294937294 (0xFFFF8ACE)
YUV	180.7350, 12.4556, 65.1304
Hunter-Lab	66.2519, 49.6729, -10.5627

Details

The XYZ color **61.4691, 43.8932, 63.6250** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.2126, 80.5119, 59.6473**, and the grayscale version is **43.6959, 45.9715, 50.0630**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **31.6028, 20.3434, 31.9668** is the 20% darker color. If you saturate the color by 10%, you get **56.9769, 36.9151, 55.9426**, and if you desaturate by 10%, it is **66.9102, 52.6278, 72.0598**.

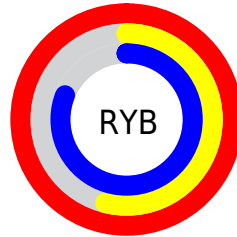
Distribution



Red (100%)

Green (54%)

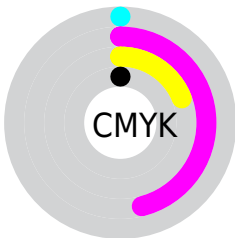
Blue (81%)



Red (100%)

Yellow (54%)

Blue (81%)

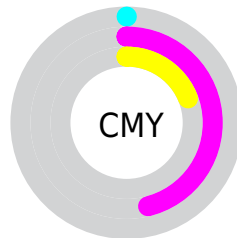


Cyan (0%)

Magenta (46%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4691, 43.8932, 63.6250 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 61.4691, 43.8932, 63.6250 by changing the saturation by 10% instead.


 61.4691, 43.8932,
63.6250


 61.4691, 43.8932,
63.6250


419.7404,
362.2723, 456.0044


 44.8578, 30.5866,
45.9028

 106.0521, 81.0570,
111.6650

 31.5463, 20.2842,
31.8210


 134.7546,
105.6830, 142.8198

 21.1690, 12.6018,
20.9611


 168.2182,
134.8508, 179.2892

 13.3608, 7.1549,
12.9046

206.8083,
168.9450, 221.4918

 7.7562, 3.5592,
7.2329

250.8902,
208.3498, 269.8461

 3.9898, 1.4302,
3.5276

300.8293,

 1.6964, 0.2388,

253.4497, 324.7706

1.3699

356.9909,
304.6290, 386.6838

■ 0.4540, 0.0000,
0.1181

■ 0.0000, 0.0000,
0.0000

■ 61.4691, 43.8932,
63.6250

■ 61.4691, 43.8932,
63.6250

■ 56.9769, 36.9151,
55.9426

■ 66.9102, 52.6278,
72.0598

■ 53.3678, 31.5651,
48.9804

■ 73.3540, 63.2241,
81.2716

■ 50.5721, 27.7063,
42.7069

■ 80.8536, 75.7854,
91.2868

■ 48.5072, 25.1766,
37.0856

■ 89.4574, 90.4062,
102.1294

■ 47.0710, 23.7749,
32.0727

95.0500, 100.0000,
108.9000

■ 46.6012, 23.4045,
30.1618

Harmonies

Analogous

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



55.4398, 43.8932, 95.3875



61.4691, 43.8932, 63.6250



61.7189, 43.8932, 36.5260

Triad

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



61.4691, 43.8932, 63.6250



37.5735, 43.8932, 13.2088



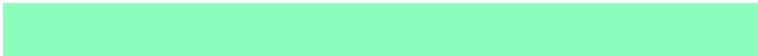
30.0476, 43.8932, 93.0175

Complementary

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



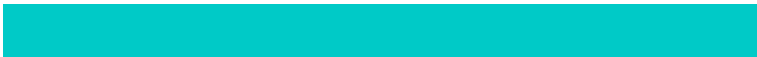
61.4691, 43.8932, 63.6250



55.2126, 80.5119, 59.6473

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.



26.5869, 43.8932, 61.1652



61.4691, 43.8932, 63.6250



30.4725, 43.8932, 19.4409

Square

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



61.4691, 43.8932, 63.6250



46.9326, 43.8932, 13.4443



26.7299, 43.8932, 34.8315



36.9069, 43.8932, 116.2253

Rectangle

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



61.4691, 43.8932, 63.6250



58.5043, 43.8932, 24.4898



26.7299, 43.8932, 34.8315



28.4973, 43.8932, 82.5395

Sweetspot

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



61.4701, 43.8951, 63.6259



82.3852, 78.3738, 93.2611



47.5728, 35.9327, 99.0361



17.2582, 16.1406, 19.4772



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.



61.4701, 43.8951, 63.6259



57.3358, 37.4619, 56.5891



55.6554, 41.5693, 33.0062



18.4521, 18.1642, 20.9979



24.4263, 12.2598, 16.1614



2.4328, 1.2155, 1.8608

Inverse Universe

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



61.4701, 43.8951, 63.6259



57.3358, 37.4619, 56.5891



62.7621, 83.5317, 99.4022



18.4521, 18.1642, 20.9979



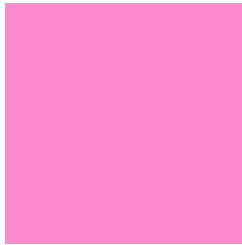
24.4263, 12.2598, 16.1614



2.4328, 1.2155, 1.8608

Previews

White Background



This preview shows how the XYZ color 61.4691, 43.8932, 63.6250 looks on a white background.

Color Contrast Check

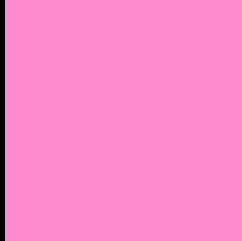
Large Text (above 18pt) WCAG AA × Fail

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 61.4691, 43.8932, 63.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

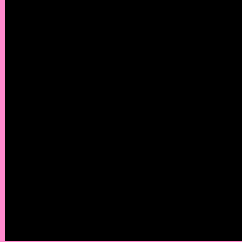
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4691, 43.8932, 63.6250

Background



This preview shows how black text looks on a background with the XYZ color 61.4691, 43.8932, 63.6250.



This preview shows how white text looks on a background with the XYZ color 61.4691, 43.8932,

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

61.4691, 43.8932, 63.6250

Protanopia

44.7958, 44.1675, 82.5081

Deuteranopia

45.1361, 44.2476, 60.8053



Tritanopia

56.1858, 43.9724, 37.8740

Trichromacy



Original Color

61.4691, 43.8932, 63.6250



Protanomaly

49.0046, 42.9041, 75.5105



Deuteranomaly

49.8098, 43.1075, 61.5724



Tritanomaly

57.8560, 43.7371, 45.9502

Monochromacy



Original Color

61.4691, 43.8932, 63.6250



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.7618, 44.0379, 54.6453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4691, 43.8932, 63.6250 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, 138, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 206)  
}
```

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, 138, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 206) }
```

Border

The CSS property to change the border of an element to XYZ 61.4691, 43.8932, 63.6250 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, 138, 206) }
```


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

```
.border{ border-color:rgb(255, 138, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 138, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4691, 43.8932, 63.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 206) }
```

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

```
.background{ background-color: rgb(255,  
138, 206) }
```

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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