

Converting Colors

XYZ(62.0886, 47.0664, 81.4169)

Have a look what the booklet for
XYZ(62.0886, 47.0664, 81.4169)
contains.

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Color

**XYZ(61.9277, 46.9268,
81.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	F198E7
RGB	241, 152, 231
RGB Percent	95%, 60%, 91%
CMY	0.0549, 0.4039, 0.0941
CMYK	0.00, 0.37, 0.04, 0.05
HSL	307°, 76%, 77%
HSV	307°, 37%, 95%
XYZ	61.9277, 46.9268, 81.3951
YIQ	187.6170, 27.6850, 43.4370

Conversions

Conversions Part 2

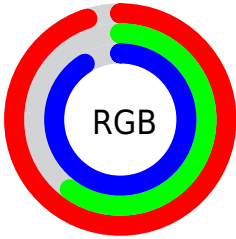
Format	Color
R_{YB}	241, 152, 231
Decimal	15833319
CIE _{Lab}	74.14, 44.92, -26.09
CIE _{LCh}	74, 51.946, 329.845
Yxy	46.9268, 0.3255, 0.2467
Android (android.graphics.Color)	4294023399 (0xFFFF198E7)
YUV	187.6170, 21.3878, 46.8169
Hunter-Lab	68.5031, 41.4858, -22.4959

Details

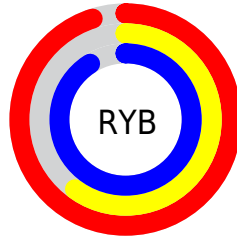
The XYZ color **61.9277, 46.9268, 81.3951** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.9278, 72.1962, 45.4364**, and the grayscale version is **47.4559, 49.9273, 54.3708**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **31.7281, 22.0861, 43.1482** is the 20% darker color. If you saturate the color by 10%, you get **58.0272, 39.7324, 78.2227**, and if you desaturate by 10%, it is **66.6317, 55.7170, 84.8655**.

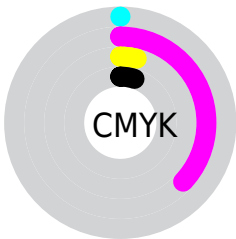
Distribution



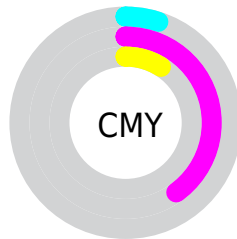
- Red (95%)
- Green (60%)
- Blue (91%)



- Red (95%)
- Yellow (60%)
- Blue (91%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (5%)




- Cyan (5%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9277, 46.9268, 81.3951 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 61.9277, 46.9268, 81.3951 by changing the saturation by 10% instead.


 61.9277, 46.9268,
81.3951


 61.9277, 46.9268,
81.3951


421.3891,
374.5223, 519.4523

 45.2297, 32.9778,
60.3342

 106.7116, 85.6043,
137.1545

 31.8404, 22.1094,
43.2610


 135.5281,
111.1017, 172.6900

 21.3946, 13.9373,
29.7570


169.1148,
141.2172, 213.8874

 13.5268, 8.0771,
19.4037

207.8371,
176.3354, 261.1653

 7.8718, 4.1443,
11.7826

252.0603,
216.8406, 314.9422

 4.0641, 1.7546,
6.4751

302.1498,

 1.7385, 0.4586,

263.1172, 375.6366

3.0626

358.4710,
315.5496, 443.6671

■ 0.4802, 0.0000,
1.1267

■ 0.0000, 0.0000,
0.0000

■ 61.9277, 46.9268,
81.3951

■ 61.9277, 46.9268,
81.3951

■ 58.0272, 39.7324,
78.2227

■ 66.6317, 55.7170,
84.8655

■ 54.8774, 34.0307,
75.3292

■ 72.1791, 66.1855,
88.6459

■ 52.4259, 29.7163,
72.6973

■ 78.6126, 78.4164,
92.7510

■ 50.6118, 26.6675,
70.3068

■ 85.9706, 92.4867,
97.1940

■ 49.3637, 24.7413,
68.1335

■ 88.4476, 96.7856,
100.0396

■ 48.5904, 23.7553,
66.1471

■ 88.8632, 96.9519,
102.2280

■ 48.4035, 23.5520,
65.5594

■ 89.2849, 97.1205,
104.4483

■ 89.7126, 97.2916,
106.7008

■ 90.0861, 97.4410,
108.6677

Harmonies

Analogous

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



54.1105, 46.9268, 109.6617



61.9277, 46.9268, 81.3951



64.9898, 46.9268, 51.2343

Triad

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



61.9277, 46.9268, 81.3951



44.6510, 46.9268, 15.0782



30.8157, 46.9268, 81.0675

Complementary

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



61.9277, 46.9268, 81.3951



50.9278, 72.1962, 45.4364

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.



28.9985, 46.9268, 50.9566



61.9277, 46.9268, 81.3951



36.2791, 46.9268, 18.2948

Square

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



61.9277, 46.9268, 81.3951



54.2061, 46.9268, 18.3649



30.8536, 46.9268, 29.4379



36.2060, 46.9268, 109.4309

Rectangle

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



61.9277, 46.9268, 81.3951



63.6341, 46.9268, 35.6018



30.8536, 46.9268, 29.4379



29.8030, 46.9268, 70.5356

Sweetspot

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



61.9292, 46.9289, 81.3961



86.2420, 83.1895, 103.4809



41.7854, 36.3765, 88.0393



18.2459, 17.4000, 22.0131



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.



61.9292, 46.9289, 81.3961



67.1184, 47.2793, 89.9016



56.5397, 44.7731, 53.0155



16.3733, 15.9990, 19.5219



26.2795, 12.7842, 35.7181



2.2078, 1.0722, 3.0852

Inverse Universe

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



61.9292, 46.9289, 81.3961



67.1184, 47.2793, 89.9016



55.4739, 74.0147, 69.3755



16.3733, 15.9990, 19.5219



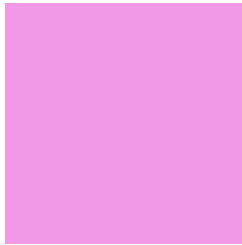
26.2795, 12.7842, 35.7181



2.2078, 1.0722, 3.0852

Previews

White Background



This preview shows how the XYZ color 61.9277, 46.9268, 81.3951 looks on a white background.

Color Contrast Check

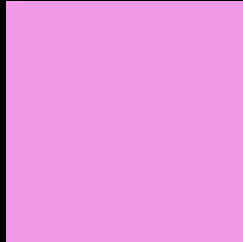
Large Text (above 18pt) WCAG AA × Fail

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 61.9277, 46.9268, 81.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

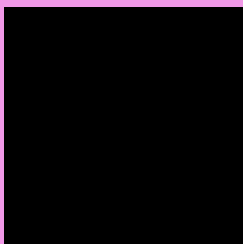
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9277, 46.9268, 81.3951

Background



This preview shows how black text looks on a background with the XYZ color 61.9277, 46.9268, 81.3951.



This preview shows how white text looks on a background with the XYZ color 61.9277, 46.9268,

81.3951.

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

61.9277, 46.9268, 81.3951

Protanopia

48.5899, 47.2479, 98.6542

Deuteranopia

48.2077, 47.1962, 78.5205



Tritanopia

54.8654, 46.8214, 47.2200

Trichromacy



Original Color

61.9277, 46.9268, 81.3951



Protanomaly

51.9391, 46.2283, 91.7734



Deuteranomaly

52.2790, 46.3949, 79.5985



Tritanomaly

57.2870, 46.7863, 58.2359

Monochromacy



Original Color

61.9277, 46.9268, 81.3951



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.9612, 48.2850, 63.7080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9277, 46.9268, 81.3951 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(241, 152, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 152, 231)  
}
```

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(241, 152, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 152, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.9277, 46.9268, 81.3951 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(241, 152, 231) }
```


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

```
.border{ border-color:rgb(241, 152, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 152, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 152, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 152, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 152,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9277, 46.9268, 81.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 152, 231) }
```

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

```
.background{ background-color: rgb(241,  
152, 231) }
```

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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