

Converting Colors

XYZ(63.0832, 46.9732, 86.6794)

Have a look what the booklet for
XYZ(63.0832, 46.9732, 86.6794)
contains.

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Color

**XYZ(62.9569, 46.8630,
86.6162)**

Conversions

Conversions Part 1

Format	Color
Hex	F296EE
RGB	242, 150, 238
RGB Percent	95%, 59%, 93%
CMY	0.0510, 0.4117, 0.0667
CMYK	0.00, 0.38, 0.02, 0.05
HSL	303°, 78%, 77%
HSV	303°, 38%, 95%
XYZ	62.9569, 46.8630, 86.6162
YIQ	187.5400, 26.5840, 46.8720

Conversions

Conversions Part 2

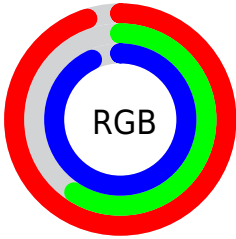
Format	Color
R _Y B	242, 150, 238
Decimal	15898350
CIE Lab	74.10, 47.48, -29.97
CIE LCh	74, 56.146, 327.743
Yxy	46.8630, 0.3205, 0.2386
Android (android.graphics.Color)	4294088430 (0xFFFF296EE)
YUV	187.5400, 24.8768, 47.7614
Hunter-Lab	68.4566, 44.3607, -27.0984

Details

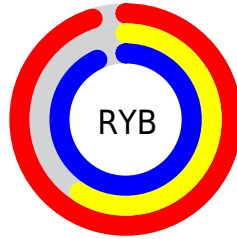
The XYZ color **62.9569, 46.8630, 86.6162** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.1645, 72.3230, 41.8903**, and the grayscale version is **47.3937, 49.8619, 54.2996**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.4854, 22.1171, 46.8128** is the 20% darker color. If you saturate the color by 10%, you get **59.3330, 39.8609, 84.6481**, and if you desaturate by 10%, it is **67.3821, 55.4643, 88.8569**.

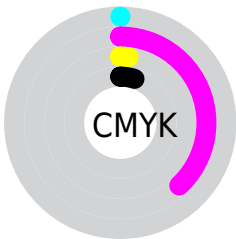
Distribution



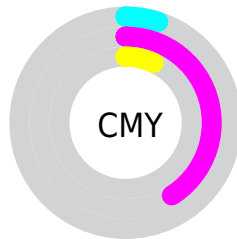
- Red (95%)
- Green (59%)
- Blue (93%)



- Red (95%)
- Yellow (59%)
- Blue (93%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (5%)




- Cyan (5%)
- Magenta (41%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9569, 46.8630, 86.6162 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 62.9569, 46.8630, 86.6162 by changing the saturation by 10% instead.

 62.9569, 46.8630,
86.6162


 62.9569, 46.8630,
86.6162


425.0752,
374.2674, 537.2443

 46.0649, 32.9274,
64.6198


 108.1895, 85.5091,
144.5232

 32.5018, 22.0708,
46.7035


 137.2607,
110.9883, 181.2709

 21.9025, 13.9089,
32.4486


171.1225,
141.0842, 223.7728

 13.9015, 8.0574,
21.4368

210.1400,
176.1812, 272.4475

 8.1334, 4.1317,
13.2493

254.6786,
216.6636, 327.7134

 4.2330, 1.7475,
7.4677

305.1038,

 1.8348, 0.4541,

262.9158, 389.9892

3.6734

361.7809,
315.3223, 459.6933

■ 0.5385, 0.0000,
1.4480

■ 0.0000, 0.0000,
0.1787

■ 62.9569, 46.8630,
86.6162

■ 62.9569, 46.8630,
86.6162

■ 59.3330, 39.8609,
84.6481

■ 67.3821, 55.4643,
88.8569

■ 56.4563, 34.3529,
82.9330

■ 72.6493, 65.7490,
91.3822

■ 54.2736, 30.2313,
81.4536

■ 78.8018, 77.8029,
94.2070

■ 52.7222, 27.3710,
80.1892

■ 85.8786, 91.7040,
97.3445

51.7286, 25.6248,
79.1151

88.5958, 96.8844,
99.0333

51.1916, 24.7902,
78.1977

88.7555, 96.9483,
99.8740

51.1098, 24.6741,
78.0243

88.9160, 97.0125,
100.7195

89.0775, 97.0771,
101.5699

89.2399, 97.1421,
102.4251

Harmonies

Analogous

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



54.1532, 46.8630, 117.3239



62.9569, 46.8630, 86.6162



66.7675, 46.8630, 53.2360

Triad

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



62.9569, 46.8630, 86.6162



45.3071, 46.8630, 13.3048



29.5389, 46.8630, 81.3557

Complementary

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



62.9569, 46.8630, 86.6162



50.1645, 72.3230, 41.8903

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.



27.8931, 46.8630, 48.8777



62.9569, 46.8630, 86.6162



36.1409, 46.8630, 16.0532

Square

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



62.9569, 46.8630, 86.6162



55.6683, 46.8630, 17.0824



30.1213, 46.8630, 26.8273



35.0066, 46.8630, 113.5686

Rectangle

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



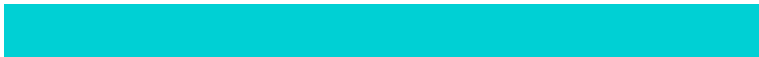
62.9569, 46.8630, 86.6162



65.5906, 46.8630, 35.9546



30.1213, 46.8630, 26.8273



28.5599, 46.8630, 69.8110

Sweetspot

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



62.9584, 46.8651, 86.6172



86.5496, 83.3125, 105.1008



40.0850, 35.0047, 88.6494



18.3197, 17.4296, 22.4020



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.



62.9584, 46.8651, 86.6172



67.5250, 46.2468, 95.7271



57.1443, 44.5394, 56.0004



16.4228, 16.0188, 19.7828



27.4700, 13.2604, 41.9870



2.2944, 1.1068, 3.5411

Inverse Universe

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



62.9584, 46.8651, 86.6172



67.5250, 46.2468, 95.7271



54.6482, 74.1164, 65.5011



16.4228, 16.0188, 19.7828



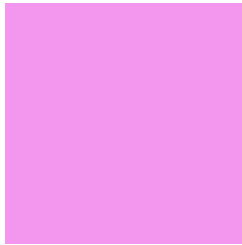
27.4700, 13.2604, 41.9870



2.2944, 1.1068, 3.5411

Previews

White Background



This preview shows how the XYZ color 62.9569, 46.8630, 86.6162 looks on a white background.

Color Contrast Check

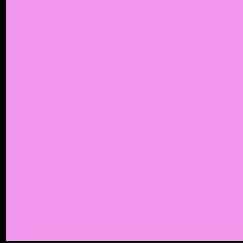
Large Text (above 18pt) WCAG AA × Fail

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 62.9569, 46.8630, 86.6162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

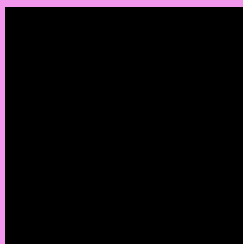
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9569, 46.8630, 86.6162

Background



This preview shows how black text looks on a background with the XYZ color 62.9569, 46.8630, 86.6162.



This preview shows how white text looks on a background with the XYZ color 62.9569, 46.8630,

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

62.9569, 46.8630, 86.6162

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.2836, 47.1221, 83.6414



Tritanopia

54.7667, 46.7820, 46.7007

Trichromacy



Original Color

62.9569, 46.8630, 86.6162



Protanomaly

52.2731, 46.0343, 95.7529



Deuteranomaly

52.5512, 46.1455, 84.7345



Tritanomaly

57.3450, 46.5355, 59.3859

Monochromacy



Original Color

62.9569, 46.8630, 86.6162



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.2891, 48.1382, 64.9282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9569, 46.8630, 86.6162 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(242, 150, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 150, 238)  
}
```

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(242, 150, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 150, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.9569, 46.8630, 86.6162 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(242, 150, 238) }
```


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

```
.border{ border-color:rgb(242, 150, 238) }
```

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

Here you see how a box with a 4 pixel rgb(242, 150, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 150, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 150, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 150,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9569, 46.8630, 86.6162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 150, 238) }
```

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

```
.background{ background-color: rgb(242,  
150, 238) }
```

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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