

Converting Colors

XYZ(63.5251, 46.2677, 69.6671)

Have a look what the booklet for
XYZ(63.5251, 46.2677, 69.6671)
contains.

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Color

**XYZ(63.6311, 46.4171,
69.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91D7
RGB	255, 145, 215
RGB Percent	100%, 57%, 84%
CMY	0.0000, 0.4313, 0.1569
CMYK	0.00, 0.43, 0.16, 0.00
HSL	322°, 100%, 78%
HSV	322°, 43%, 100%
XYZ	63.6311, 46.4171, 69.8956
YIQ	185.8700, 43.0900, 45.0900

Conversions

Conversions Part 2

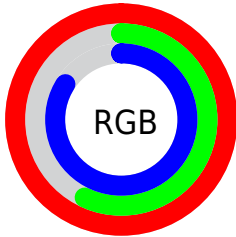
Format	Color
R _Y B	255, 145, 215
Decimal	16749015
CIE Lab	73.82, 50.27, -17.67
CIE LCh	74, 53.283, 340.628
Yxy	46.4171, 0.3536, 0.2580
Android (android.graphics.Color)	4294939095 (0xFFFF91D7)
YUV	185.8700, 14.3611, 60.6270
Hunter-Lab	68.1301, 47.4850, -13.1354

Details

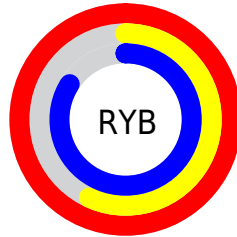
The XYZ color **63.6311, 46.4171, 69.8956** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.1958, 81.0434, 58.5833**, and the grayscale version is **46.5059, 48.9279, 53.2824**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **32.8512, 21.7560, 35.7256** is the 20% darker color. If you saturate the color by 10%, you get **59.0048, 39.0176, 62.6405**, and if you desaturate by 10%, it is **69.2016, 55.5965, 77.7998**.

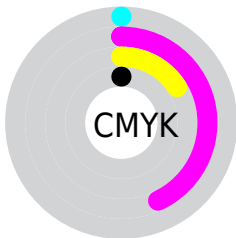
Distribution



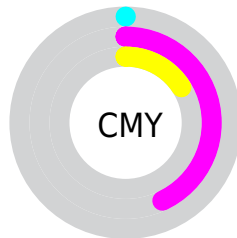
- Red (100%)
- Green (57%)
- Blue (84%)



- Red (100%)
- Yellow (57%)
- Blue (84%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6311, 46.4171, 69.8956 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 63.6311, 46.4171, 69.8956 by changing the saturation by 10% instead.


 63.6311, 46.4171,
69.8956


 63.6311, 46.4171,
69.8956


427.4796,
372.4830, 478.9626

 46.6125, 32.5751,
50.9651

 109.1562, 84.8429,
120.7396

 32.9361, 21.8011,
35.8043


 138.3934,
110.1954, 153.4902

 22.2365, 13.7109,
23.9946


172.4342,
140.1536, 191.6846

 14.1484, 7.9198,
15.1175

211.6440,
175.1019, 235.7414

 8.3063, 4.0437,
8.7543

256.3881,
215.4245, 286.0790

 4.3450, 1.6980,
4.4867

307.0318,

 1.8991, 0.4224,

261.5060, 343.1160

1.8959

363.9405,
313.7307, 407.2711

■ 0.5763, 0.0000,
0.4902

■ 0.0000, 0.0000,
0.0000

■ 63.6311, 46.4171,
69.8956

■ 63.6311, 46.4171,
69.8956

■ 59.0048, 39.0176,
62.6405

■ 69.2016, 55.5965,
77.7998

■ 55.2589, 33.2728,
56.0061

■ 75.7677, 66.6573,
86.3739

■ 52.3270, 29.0514,
49.9652

■ 83.3809, 79.7010,
95.6408

■ 50.1308, 26.1989,
44.4860

■ 92.0882, 94.8197,
105.6214

■ 48.5756, 24.5277,
39.5310

95.0500, 100.0000,
108.9000

■ 47.7855, 23.8782,
36.3983

Harmonies

Analogous

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



57.0744, 46.4171, 101.3755



63.6311, 46.4171, 69.8956



64.5531, 46.4171, 41.5162

Triad

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



63.6311, 46.4171, 69.8956



40.8430, 46.4171, 14.6505



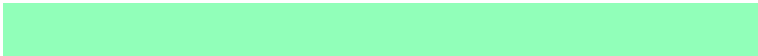
31.6865, 46.4171, 92.6904

Complementary

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



63.6311, 46.4171, 69.8956



56.1958, 81.0434, 58.5833

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.



28.5268, 46.4171, 60.7857



63.6311, 46.4171, 69.8956



33.2878, 46.4171, 20.3852

Square

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



63.6311, 46.4171, 69.8956



50.4405, 46.4171, 15.5708



29.0677, 46.4171, 35.1352



38.3473, 46.4171, 117.4619

Rectangle

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



63.6311, 46.4171, 69.8956



61.7230, 46.4171, 28.3484



29.0677, 46.4171, 35.1352



30.2261, 46.4171, 82.0507

Sweetspot

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



63.6322, 46.4191, 69.8965



83.4908, 79.8906, 95.7705



47.8250, 37.6020, 99.3450



17.4903, 16.4448, 20.0476



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.



63.6322, 46.4191, 69.8965



59.4843, 39.7717, 63.4320



57.8441, 44.1039, 39.4166



18.4959, 18.1817, 21.2287



25.0432, 12.5066, 19.4097



2.4909, 1.2387, 2.1663

Inverse Universe

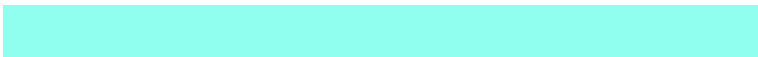
The Inverse Universe completely reimagines the original color for something new.



63.6322, 46.4191, 69.8965



59.4843, 39.7717, 63.4320



62.9446, 83.7429, 94.1218



18.4959, 18.1817, 21.2287



25.0432, 12.5066, 19.4097



2.4909, 1.2387, 2.1663

Previews

White Background



This preview shows how the XYZ color 63.6311, 46.4171, 69.8956 looks on a white background.

Color Contrast Check

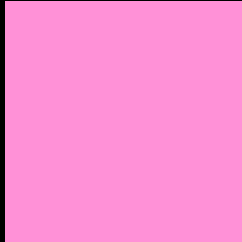
Large Text (above 18pt) WCAG AA × Fail

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 63.6311, 46.4171, 69.8956 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 63.6311, 46.4171, 69.8956

Background



This preview shows how black text looks on a background with the XYZ color 63.6311, 46.4171, 69.8956.



This preview shows how white text looks on a background with the XYZ color 63.6311, 46.4171,

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

63.6311, 46.4171, 69.8956

Protanopia

47.6271, 46.9815, 88.2195

Deuteranopia

47.4805, 46.4868, 66.7920



Tritanopia

58.0286, 46.5199, 41.9972

Trichromacy



Original Color

63.6311, 46.4171, 69.8956



Protanomaly

51.3903, 45.3564, 80.9090



Deuteranomaly

52.0770, 45.4623, 67.6584



Tritanomaly

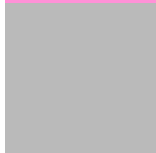
59.8632, 46.2894, 51.1270

Monochromacy



Original Color

63.6311, 46.4171, 69.8956



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.5049, 47.0059, 59.1818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6311, 46.4171, 69.8956 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, 145, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 215)  
}
```

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, 145, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.6311, 46.4171, 69.8956 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, 145, 215) }
```


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

```
.border{ border-color:rgb(255, 145, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6311, 46.4171, 69.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 215) }
```

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

```
.background{ background-color: rgb(255,  
145, 215) }
```

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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