

Converting Colors

XYZ(61.2249, 41.6046, 69.0936)

Have a look what the booklet for
XYZ(61.2249, 41.6046, 69.0936)
contains.

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Color

**XYZ(61.2249, 41.6046,
69.0936)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80D7
RGB	255, 128, 215
RGB Percent	100%, 50%, 84%
CMY	0.0000, 0.4980, 0.1569
CMYK	0.00, 0.50, 0.16, 0.00
HSL	319°, 100%, 75%
HSV	319°, 50%, 100%
XYZ	61.2249, 41.6046, 69.0936
YIQ	175.8910, 47.7650, 53.9810

Conversions

Conversions Part 2

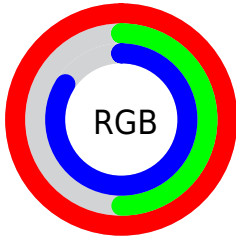
Format	Color
R_{YB}	255, 128, 215
Decimal	16744663
CIE _{Lab}	70.60, 58.55, -22.56
CIE _{LCh}	71, 62.748, 338.929
Yxy	41.6046, 0.3561, 0.2420
Android (android.graphics.Color)	4294934743 (0xFFFF80D7)
YUV	175.8910, 19.2807, 69.3786
Hunter-Lab	64.5016, 56.5542, -18.3598

Details

The XYZ color **61.2249, 41.6046, 69.0936** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.7315, 78.9371, 49.5585**, and the grayscale version is **41.0966, 43.2368, 47.0849**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **31.4275, 18.9086, 35.2510** is the 20% darker color. If you saturate the color by 10%, you get **57.3000, 35.3661, 62.8179**, and if you desaturate by 10%, it is **66.0380, 49.5382, 75.9163**.

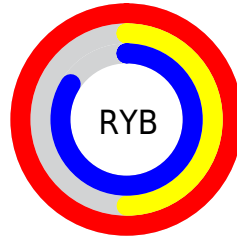
Distribution



Red (100%)

Green (50%)

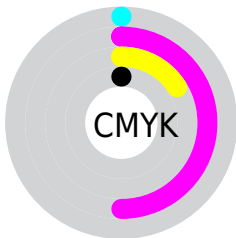
Blue (84%)



Red (100%)

Yellow (50%)

Blue (84%)

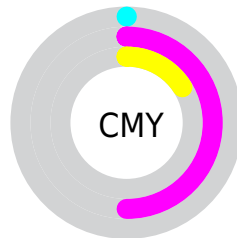


Cyan (0%)

Magenta (50%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2249, 41.6046, 69.0936 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 61.2249, 41.6046, 69.0936 by changing the saturation by 10% instead.


 61.2249, 41.6046,
69.0936


 61.2249, 41.6046,
69.0936


418.8609,
352.8412, 476.0639


 44.6599, 28.7918,
50.3157


 105.7008, 77.6009,
119.5842

 31.3898, 18.9234,
35.2914


 134.3424,
101.5531, 152.1340

 21.0491, 11.6149,
23.6021


 167.7403,
129.9873, 190.1115

 13.2726, 6.4821,
14.8292

206.2597,
163.2878, 233.9353

 7.6948, 3.1404,
8.5543

250.2662,
201.8391, 284.0239

 3.9504, 1.2054,
4.3588

300.1250,

 1.6741, 0.0661,

246.0255, 340.7959

1.8242

356.2014,
296.2314, 404.6697

■ 0.4400, 0.0000,
0.4438

■ 0.0000, 0.0000,
0.0000

■ 61.2249, 41.6046,
69.0936

■ 61.2249, 41.6046,
69.0936

■ 57.3000, 35.3661,
62.8179

■ 66.0380, 49.5382,
75.9163

■ 54.1959, 30.6893,
57.0619

■ 71.7943, 59.2760,
83.3064

■ 51.8397, 27.4296,
51.7979

■ 78.5477, 70.9247,
91.2857

■ 50.1437, 25.4127,
46.9932

■ 86.3469, 84.5806,
99.8739

■ 48.9679, 24.3599, 95.0500, 100.0000,
42.5972 108.9000

■ 48.9467, 24.3427,
42.5129

Harmonies

Analogous

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



53.4452, 41.6046, 105.8403



61.2249, 41.6046, 69.0936



62.6978, 41.6046, 37.0015

Triad

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



61.2249, 41.6046, 69.0936



36.5288, 41.6046, 9.0612



25.9703, 41.6046, 91.4996

Complementary

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



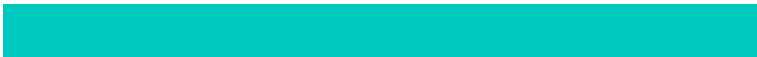
61.2249, 41.6046, 69.0936



51.7315, 78.9371, 49.5585

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.



22.9335, 41.6046, 54.7556



61.2249, 41.6046, 69.0936



28.2899, 41.6046, 13.8125

Square

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



61.2249, 41.6046, 69.0936



47.1560, 41.6046, 10.1733



23.7012, 41.6046, 27.7124



32.7986, 41.6046, 122.2283

Rectangle

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



61.2249, 41.6046, 69.0936



59.6922, 41.6046, 22.9087



23.7012, 41.6046, 27.7124



24.5317, 41.6046, 78.9247

Sweetspot

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



61.2259, 41.6064, 69.0944



82.1589, 77.2251, 95.3320



41.5179, 30.7784, 98.3603



17.2396, 15.9249, 20.0210



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.



61.2259, 41.6064, 69.0944



57.2306, 35.2584, 62.6986



54.7434, 39.0134, 34.9579



18.5349, 18.1973, 21.4337



25.6463, 12.7478, 22.5858



2.5466, 1.2610, 2.4597

Inverse Universe

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



61.2259, 41.6064, 69.0944



57.2306, 35.2584, 62.6986



58.8901, 81.8005, 87.2550



18.5349, 18.1973, 21.4337



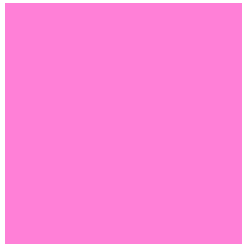
25.6463, 12.7478, 22.5858



2.5466, 1.2610, 2.4597

Previews

White Background



This preview shows how the XYZ color 61.2249, 41.6046, 69.0936 looks on a white background.

Color Contrast Check

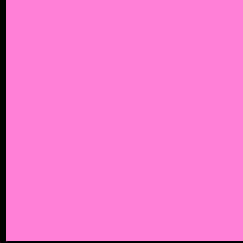
Large Text (above 18pt) WCAG AA × Fail

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 61.2249, 41.6046, 69.0936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

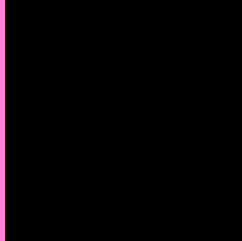
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2249, 41.6046, 69.0936

Background



This preview shows how black text looks on a background with the XYZ color 61.2249, 41.6046, 69.0936.



This preview shows how white text looks on a background with the XYZ color 61.2249, 41.6046,

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

61.2249, 41.6046, 69.0936

Protanopia

43.5919, 42.1692, 93.0307

Deuteranopia

42.8067, 41.8142, 65.4893



Tritanopia

54.0519, 41.5695, 34.8806

Trichromacy



Original Color

61.2249, 41.6046, 69.0936



Protanomaly

47.4558, 40.1322, 83.8424



Deuteranomaly

47.9421, 40.5109, 66.9206



Tritanomaly

56.4672, 41.4957, 45.5908

Monochromacy



Original Color

61.2249, 41.6046, 69.0936



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.8692, 41.4931, 54.2539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2249, 41.6046, 69.0936 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, 128, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 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, 128, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.2249, 41.6046, 69.0936 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, 128, 215) }
```


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

```
.border{ border-color:rgb(255, 128, 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, 128, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2249, 41.6046, 69.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 215) }
```

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

```
.background{ background-color: rgb(255,  
128, 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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