

Converting Colors

XYZ(72.4968, 56.1440, 81.8191)

Have a look what the booklet for
XYZ(72.4968, 56.1440, 81.8191)
contains.

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Color

**XYZ(69.3416, 54.6106,
81.7491)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7E6
RGB	255, 167, 230
RGB Percent	100%, 65%, 90%
CMY	0.0000, 0.3451, 0.0980
CMYK	0.00, 0.35, 0.10, 0.00
HSL	317°, 100%, 83%
HSV	317°, 35%, 100%
XYZ	69.3416, 54.6106, 81.7491
YIQ	200.4940, 32.2250, 38.2490

Conversions

Conversions Part 2

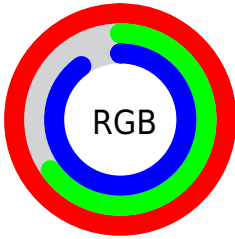
Format	Color
R _Y B	255, 167, 230
Decimal	16754662
CIE Lab	78.82, 41.42, -18.30
CIE LCh	79, 45.284, 336.164
Yxy	54.6106, 0.3371, 0.2655
Android (android.graphics.Color)	4294944742 (0xFFFFA7E6)
YUV	200.4940, 14.5465, 47.8018
Hunter-Lab	73.8990, 38.1686, -13.8589

Details

The XYZ color **69.3416, 54.6106, 81.7491** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2126, 83.5422, 62.7712**, and the grayscale version is **55.1047, 57.9744, 63.1341**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **36.5711, 26.7366, 43.2776** is the 20% darker color. If you saturate the color by 10%, you get **64.1261, 45.7739, 75.0954**, and if you desaturate by 10%, it is **75.5229, 65.3107, 88.9347**.

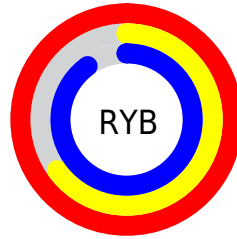
Distribution



Red (100%)

Green (65%)

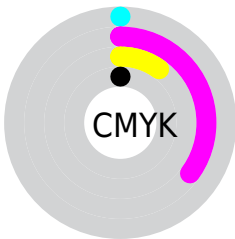
Blue (90%)



Red (100%)

Yellow (65%)

Blue (90%)

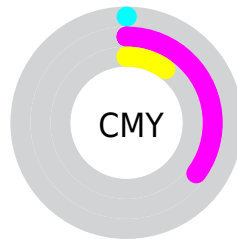


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3416, 54.6106, 81.7491 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 69.3416, 54.6106, 81.7491 by changing the saturation by 10% instead.


 69.3416, 54.6106,
81.7491


 69.3416, 54.6106,
81.7491


447.5374,
404.4342, 520.6695

 51.2676, 39.0900,
60.6241


 117.3008, 96.9702,
137.6556

 36.6435, 26.8298,
43.4933


 147.9166,
124.5780, 173.2743

 25.1040, 17.4454,
29.9381


183.4438,
156.9837, 214.5612

 16.2837, 10.5526,
19.5400

224.2477,
194.5717, 261.9350

 9.8173, 5.7668,
11.8803

270.6937,
237.7263, 315.8142

 5.3393, 2.7038,
6.5407


323.1471,

 2.4845, 0.9791,


286.8320, 376.6173


3.1025


381.9732,
342.2732, 444.7629


 0.8874, 0.0000,
1.1472

 0.0000, 0.0000,
0.0000


 69.3416, 54.6106,
81.7491


 69.3416, 54.6106,
81.7491


 64.1261, 45.7739,
75.0954


 75.5229, 65.3107,
88.9347

 59.8177, 38.6848,
68.9496

 82.7167, 77.9674,
96.6682

 56.3571, 33.2252,
63.2899

 90.9709, 92.6760,
104.9687

 53.6760, 29.2594,
58.0910

95.0500, 100.0000,
108.9000

■ 51.6950, 26.6296,
53.3239

■ 50.3169, 25.1422,
48.9534

■ 49.7409, 24.6604,
46.6954

Harmonies

Analogous

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



62.7676, 54.6106, 108.9412



69.3416, 54.6106, 81.7491



71.0189, 54.6106, 54.3117

Triad

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



69.3416, 54.6106, 81.7491



50.0749, 54.6106, 22.6216



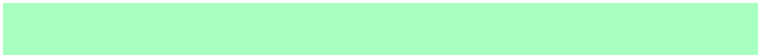
39.1851, 54.6106, 93.6471

Complementary

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



69.3416, 54.6106, 81.7491



61.2126, 83.5422, 62.7712

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.



36.5720, 54.6106, 64.9273



69.3416, 54.6106, 81.7491



42.3754, 54.6106, 27.8251

Square

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



69.3416, 54.6106, 81.7491



59.1951, 54.6106, 24.7477



37.6690, 54.6106, 41.6449



45.2408, 54.6106, 117.0807

Rectangle

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



69.3416, 54.6106, 81.7491



68.9827, 54.6106, 40.2258



37.6690, 54.6106, 41.6449



37.9089, 54.6106, 84.0204

Sweetspot

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



69.3429, 54.6129, 81.7502



86.3032, 84.3379, 100.3383



53.5923, 46.0580, 100.6732



18.2281, 17.6169, 21.2289



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.



69.3429, 54.6129, 81.7502



65.8495, 48.6691, 77.3705



63.9304, 52.4479, 53.2482



18.5597, 18.2072, 21.5644



26.0581, 12.9125, 24.7543



2.5842, 1.2760, 2.6577

Inverse Universe

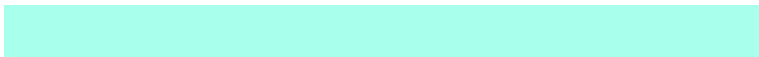
The Inverse Universe completely reimagines the original color for something new.



69.3429, 54.6129, 81.7502



65.8495, 48.6691, 77.3705



66.8285, 85.7885, 92.3437



18.5597, 18.2072, 21.5644



26.0581, 12.9125, 24.7543



2.5842, 1.2760, 2.6577

Previews

White Background



This preview shows how the XYZ color 69.3416, 54.6106, 81.7491 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 69.3416, 54.6106, 81.7491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

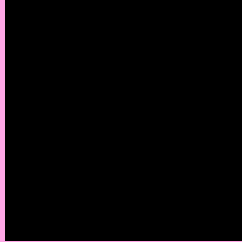
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3416, 54.6106, 81.7491

Background



This preview shows how black text looks on a background with the XYZ color 69.3416, 54.6106, 81.7491.



This preview shows how white text looks on a background with the XYZ color 69.3416, 54.6106,

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

69.3416, 54.6106, 81.7491

Protanopia

55.3046, 54.8623, 96.4816

Deuteranopia

56.1777, 55.0320, 79.6129



Tritanopia

63.8314, 54.6148, 54.7544

Trichromacy



Original Color

69.3416, 54.6106, 81.7491



Protanomaly

59.3122, 54.1872, 90.5522



Deuteranomaly

60.1083, 54.2176, 79.9700



Tritanomaly

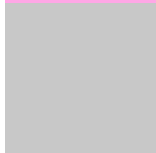
65.6769, 54.5123, 63.5603

Monochromacy



Original Color

69.3416, 54.6106, 81.7491



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.2563, 55.8852, 69.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3416, 54.6106, 81.7491 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, 167, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 230)  
}
```

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, 167, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 230) }
```

Border

The CSS property to change the border of an element to XYZ 69.3416, 54.6106, 81.7491 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, 167, 230) }
```


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

```
.border{ border-color:rgb(255, 167, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3416, 54.6106, 81.7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 230) }
```

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

```
.background{ background-color: rgb(255,  
167, 230) }
```

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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