

Converting Colors

XYZ(69.6246, 50.2359,
100.6346)

Have a look what the booklet for
XYZ(69.6246, 50.2359, 100.6346)
contains.

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Color

**XYZ(69.6246, 50.2359,
100.6346)**

Conversions

Conversions Part 1

Format	Color
Hex	FD97FF
RGB	253, 151, 255
RGB Percent	99%, 59%, 100%
CMY	0.0078, 0.4078, 0.0000
CMYK	0.01, 0.41, 0.00, 0.00
HSL	299°, 100%, 80%
HSV	299°, 41%, 100%
XYZ	69.6246, 50.2359, 100.6346
YIQ	193.3540, 27.4080, 53.9680

Conversions

Conversions Part 2

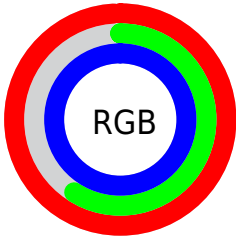
Format	Color
R _Y B	253, 151, 255
Decimal	16619519
CIE Lab	76.21, 53.25, -35.83
CIE LCh	76, 64.182, 326.068
Yxy	50.2359, 0.3158, 0.2278
Android (android.graphics.Color)	4294809599 (0xFFFD97FF)
YUV	193.3540, 30.3915, 52.3095
Hunter-Lab	70.8773, 51.3099, -34.5684

Details

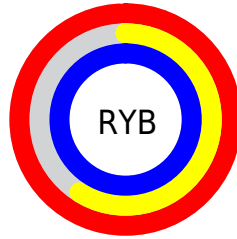
The XYZ color **69.6246, 50.2359, 100.6346** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.4841, 80.5273, 41.9524**, and the grayscale version is **50.7138, 53.3548, 58.1034**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **36.9734, 24.2287, 56.1540** is the 20% darker color. If you saturate the color by 10%, you get **65.7782, 42.8067, 99.4034**, and if you desaturate by 10%, it is **74.3619, 59.4445, 102.1624**.

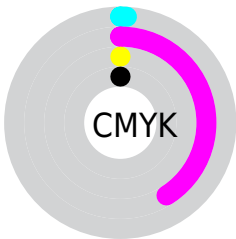
Distribution



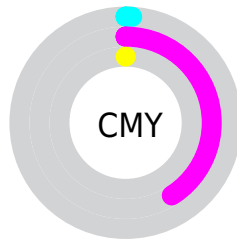
- Red (99%)
- Green (59%)
- Blue (100%)



- Red (99%)
- Yellow (59%)
- Blue (100%)



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6246, 50.2359, 100.6346 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 69.6246, 50.2359, 100.6346 by changing the saturation by 10% instead.


 69.6246, 50.2359,
100.6346

 69.6246, 50.2359,
100.6346


448.5178,
387.5877, 583.4894

 51.4990, 35.6009,
76.2108


 117.7024, 90.5243,
164.0885

 36.8286, 24.1261,
56.0977


 148.3854,
116.9465, 203.9556

 25.2479, 15.4272,
39.8767


183.9850,
148.0665, 249.8076

 16.3915, 9.1197,
27.1294

224.8663,
184.2687, 302.0630

 9.8942, 4.8194,
17.4371

271.3950,
225.9375, 361.1403

 5.3906, 2.1417,
10.3814

323.9362,

 2.5153, 0.6879,

273.4574, 427.4582

5.5437

382.8553,
327.2127, 501.4350

■ 0.9030, 0.0000,
2.5054

■ 0.0000, 0.0000,
0.8430

■ 69.6246, 50.2359,
100.6346

■ 69.6246, 50.2359,
100.6346

■ 65.7782, 42.8067,
99.4034

■ 74.3619, 59.4445,
102.1624

■ 62.7604, 37.0349,
98.4484

■ 80.0382, 70.5312,
104.0032

■ 60.5081, 32.7935,
97.7484

■ 86.7036, 83.5953,
106.1735

■ 58.9472, 29.9341,
97.2787

■ 94.4031, 98.7270,
108.6884

■ 57.9888, 28.2791,
97.0098

95.0500, 100.0000,
108.9000

■ 57.5101, 27.5624,
96.8967

Harmonies

Analogous

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



58.6501, 50.2359, 138.3884



69.6246, 50.2359, 100.6346



74.7403, 50.2359, 59.3682

Triad

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



69.6246, 50.2359, 100.6346



49.3516, 50.2359, 11.6540



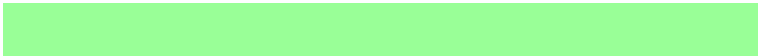
29.8385, 50.2359, 89.2766

Complementary

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



69.6246, 50.2359, 100.6346



54.4841, 80.5273, 41.9524

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.



28.1898, 50.2359, 50.2801



69.6246, 50.2359, 100.6346



38.2878, 50.2359, 14.1634

Square

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



69.6246, 50.2359, 100.6346



61.8580, 50.2359, 16.0903



31.0130, 50.2359, 25.4274



35.9650, 50.2359, 130.1237

Rectangle

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



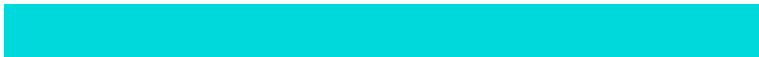
69.6246, 50.2359, 100.6346



73.6014, 50.2359, 38.3364



31.0130, 50.2359, 25.4274



28.7916, 50.2359, 75.1572

Sweetspot

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



69.6261, 50.2381, 100.6350



85.8373, 81.8952, 105.8910



42.4473, 37.0673, 99.5252



18.1775, 17.1459, 22.6014



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.



69.6261, 50.2381, 100.6350



66.4014, 44.0060, 99.6020



63.5053, 47.8742, 64.5855



18.7561, 18.2815, 22.7901



30.0659, 14.4100, 50.6313



2.9380, 1.4085, 4.9303

Inverse Universe

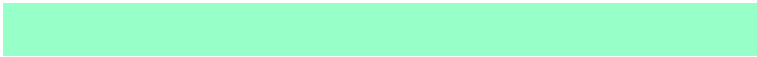
The Inverse Universe completely reimagines the original color for something new.



58.0577, 45.6952, 35.8990



53.4251, 38.9169, 26.6879



58.8948, 82.2484, 67.1314



18.0235, 17.9927, 18.7412



21.5689, 11.1169, 1.1145



2.1048, 1.0843, 0.1335

Previews

White Background



This preview shows how the XYZ color 69.6246, 50.2359, 100.6346 looks on a white background.

Color Contrast Check

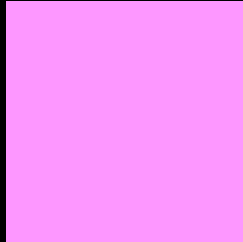
Large Text (above 18pt) WCAG AA × Fail

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 69.6246, 50.2359, 100.6346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

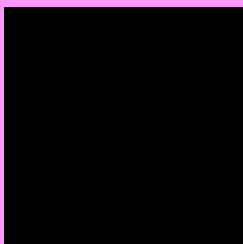
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6246, 50.2359, 100.6346

Background



This preview shows how black text looks on a background with the XYZ color 69.6246, 50.2359, 100.6346.



This preview shows how white text looks on a background with the XYZ color 69.6246, 50.2359,

100.6346.

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

69.6246, 50.2359, 100.6346

Protanopia

51.5453, 50.5533, 101.6488

Deuteranopia

51.9034, 50.5361, 96.6414



Tritanopia

59.0191, 49.9874, 49.7179

Trichromacy



Original Color

69.6246, 50.2359, 100.6346



Protanomaly

56.2823, 49.1129, 101.1211



Deuteranomaly

56.9848, 49.5487, 97.8272

Tritanomaly

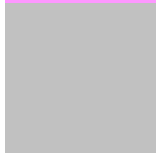
62.3651, 49.7689, 65.3508

Monochromacy



Original Color

69.6246, 50.2359, 100.6346



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

56.3394, 51.2457, 71.8878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6246, 50.2359, 100.6346 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(253, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 151, 255)  
}
```

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(253, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.6246, 50.2359, 100.6346 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(253, 151, 255) }
```


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

```
.border{ border-color:rgb(253, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6246, 50.2359, 100.6346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 151, 255) }
```

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

```
.background{ background-color: rgb(253,  
151, 255) }
```

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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