

Converting Colors

XYZ(69.2502, 51.3650, 91.1604)

Have a look what the booklet for
XYZ(69.2502, 51.3650, 91.1604)
contains.

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Color

**XYZ(69.3061, 51.5080,
91.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CF3
RGB	255, 156, 243
RGB Percent	100%, 61%, 95%
CMY	0.0000, 0.3882, 0.0471
CMYK	0.00, 0.39, 0.05, 0.00
HSL	307°, 100%, 81%
HSV	307°, 39%, 100%
XYZ	69.3061, 51.5080, 91.0832
YIQ	195.5190, 31.0770, 48.0450

Conversions

Conversions Part 2

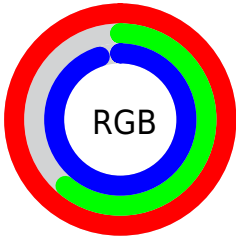
Format	Color
R _Y B	255, 156, 243
Decimal	16751859
CIE Lab	76.99, 49.24, -28.13
CIE LCh	77, 56.704, 330.262
Yxy	51.5080, 0.3271, 0.2431
Android (android.graphics.Color)	4294941939 (0xFFFF9CF3)
YUV	195.5190, 23.4081, 52.1648
Hunter-Lab	71.7691, 46.7783, -25.0075

Details

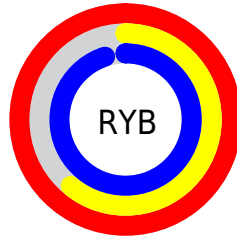
The XYZ color **69.3061, 51.5080, 91.0832** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **56.5398, 81.4159, 49.7832**, and the grayscale version is **52.0342, 54.7441, 59.6163**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **36.7470, 24.9609, 49.8949** is the 20% darker color. If you saturate the color by 10%, you get **65.0049, 43.6461, 87.3664**, and if you desaturate by 10%, it is **74.5156, 61.1734, 95.1429**.

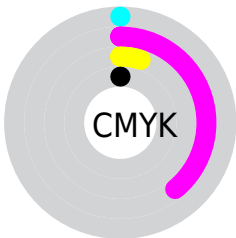
Distribution



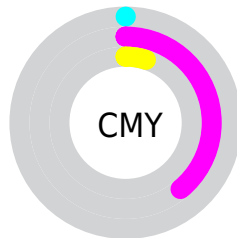
- Red (100%)
- Green (61%)
- Blue (95%)



- Red (100%)
- Yellow (61%)
- Blue (95%)



- Cyan (0%)
- Magenta (39%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3061, 51.5080, 91.0832 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 69.3061, 51.5080, 91.0832 by changing the saturation by 10% instead.


 69.3061, 51.5080,
91.0832


 69.3061, 51.5080,
91.0832


447.4143,
392.5343, 552.2090

 51.2386, 36.6131,
68.3006


 117.2503, 92.4052,
150.7907

 36.6203, 24.9080,
49.6741


 147.8578,
119.1763, 188.5528

 25.0860, 16.0086,
34.7852


183.3759,
150.6749, 232.1451

 16.2702, 9.5302,
23.2152

224.1701,
187.2854, 281.9861

 9.8076, 5.0886,
14.5457

270.6057,
229.3922, 338.4945

 5.3329, 2.2993,
8.3581

323.0480,

 2.4806, 0.7734,

277.3797, 402.0887

4.2339

381.8624,
331.6322, 473.1874

■ 0.8855, 0.0000,
1.7545

■ 0.0000, 0.0000,
0.3977

■ 69.3061, 51.5080,
91.0832

■ 69.3061, 51.5080,
91.0832

■ 65.0049, 43.6461,
87.3664

■ 74.5156, 61.1734,
95.1429

■ 61.5518, 37.4682,
83.9702

■ 80.6817, 72.7395,
99.5597

■ 58.8849, 32.8501,
80.8745

■ 87.8533, 86.3042,
104.3509

■ 56.9321, 29.6479,
78.0550

95.0500, 100.0000,
108.9000

■ 55.6081, 27.6910,
75.4832

■ 54.7891, 26.7318,
73.1175

■ 54.7069, 26.6468,
72.8459

Harmonies

Analogous

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



60.1927, 51.5080, 124.7836



69.3061, 51.5080, 91.0832



72.8135, 51.5080, 55.8117

Triad

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



69.3061, 51.5080, 91.0832



48.8618, 51.5080, 15.1414



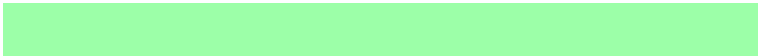
33.1134, 51.5080, 91.7362

Complementary

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



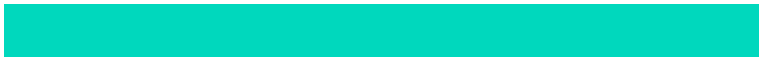
69.3061, 51.5080, 91.0832



56.5398, 81.4159, 49.7832

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.



30.9794, 51.5080, 56.3561



69.3061, 51.5080, 91.0832



39.2141, 51.5080, 18.7874

Square

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



69.3061, 51.5080, 91.0832



60.0039, 51.5080, 18.6564



33.0403, 51.5080, 31.4412



39.3563, 51.5080, 125.2482

Rectangle

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



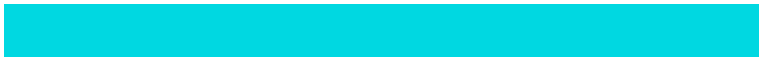
69.3061, 51.5080, 91.0832



71.1512, 51.5080, 37.8960



33.0403, 51.5080, 31.4412



31.9366, 51.5080, 79.3195

Sweetspot

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



69.3073, 51.5101, 91.0843



85.4618, 81.7700, 102.7863



45.9934, 39.2751, 99.7645



18.0885, 17.1163, 21.8653



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.



69.3073, 51.5101, 91.0843



65.7235, 44.9493, 88.0189



62.8619, 48.9319, 57.1433



18.6923, 18.2602, 22.2627



28.6231, 13.9385, 38.2610



2.8125, 1.3674, 3.8600

Inverse Universe

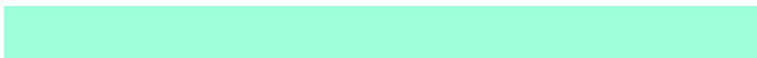
The Inverse Universe completely reimagines the original color for something new.



69.3073, 51.5101, 91.0843



65.7235, 44.9493, 88.0189



62.0027, 83.6010, 78.5500



18.6923, 18.2602, 22.2627



28.6231, 13.9385, 38.2610



2.8125, 1.3674, 3.8600

Previews

White Background



This preview shows how the XYZ color 69.3061, 51.5080, 91.0832 looks on a white background.

Color Contrast Check

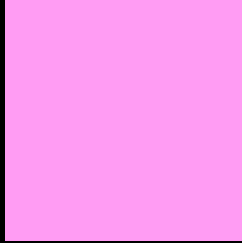
Large Text (above 18pt) WCAG AA × Fail

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 69.3061, 51.5080, 91.0832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

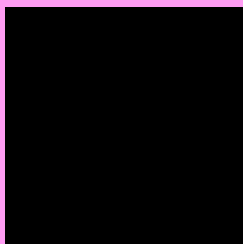
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3061, 51.5080, 91.0832

Background



This preview shows how black text looks on a background with the XYZ color 69.3061, 51.5080, 91.0832.



This preview shows how white text looks on a background with the XYZ color 69.3061, 51.5080,

91.0832.

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

69.3061, 51.5080, 91.0832

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.0640, 51.9694, 87.3551



Tritanopia

60.8862, 51.4863, 50.4449

Trichromacy



Original Color

69.3061, 51.5080, 91.0832



Protanomaly

57.2950, 50.5723, 98.0084



Deuteranomaly

57.6837, 50.9843, 88.4621



Tritanomaly

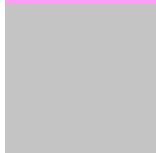
63.5989, 51.2345, 63.6640

Monochromacy



Original Color

69.3061, 51.5080, 91.0832



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

57.1494, 52.6036, 70.0922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3061, 51.5080, 91.0832 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, 156, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 243)  
}
```

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, 156, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 243) }
```

Border

The CSS property to change the border of an element to XYZ 69.3061, 51.5080, 91.0832 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, 156, 243) }
```


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

```
.border{ border-color:rgb(255, 156, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3061, 51.5080, 91.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 243) }
```

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

```
.background{ background-color: rgb(255,  
156, 243) }
```

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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