

Converting Colors

XYZ(67.0854, 51.0462, 95.8415)

Have a look what the booklet for XYZ(67.0854, 51.0462, 95.8415) contains.

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Color

**XYZ(67.1532, 51.0483,
95.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	F59FF9
RGB	245, 159, 249
RGB Percent	96%, 62%, 98%
CMY	0.0392, 0.3764, 0.0235
CMYK	0.02, 0.36, 0.00, 0.02
HSL	297°, 88%, 80%
HSV	297°, 36%, 98%
XYZ	67.1532, 51.0483, 95.9365
YIQ	194.9740, 22.3660, 46.2220

Conversions

Conversions Part 2

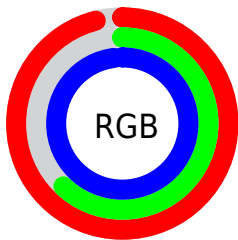
Format	Color
R _Y B	245, 159, 249
Decimal	16097273
CIE Lab	76.71, 45.72, -31.89
CIE LCh	77, 55.748, 325.102
Yxy	51.0483, 0.3136, 0.2384
Android (android.graphics.Color)	4294287353 (0xFFFF59FF9)
YUV	194.9740, 26.6348, 43.8728
Hunter-Lab	71.4481, 42.7358, -29.5976

Details

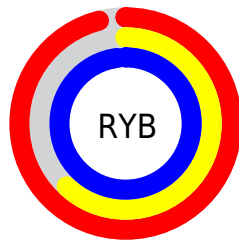
The XYZ color **67.1532, 51.0483, 95.9365** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.2397, 78.0424, 44.9556**, and the grayscale version is **51.6949, 54.3870, 59.2275**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **35.0595, 24.4737, 52.7452** is the 20% darker color. If you saturate the color by 10%, you get **62.9105, 43.1333, 94.6331**, and if you desaturate by 10%, it is **72.2639, 60.6938, 97.5296**.

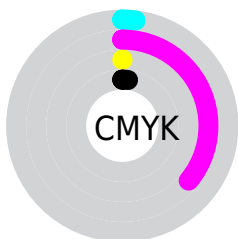
Distribution



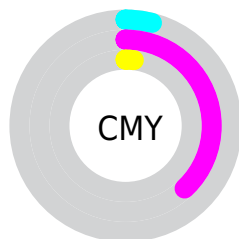
- Red (96%)
- Green (62%)
- Blue (98%)



- Red (96%)
- Yellow (62%)
- Blue (98%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1532, 51.0483, 95.9365 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 67.1532, 51.0483, 95.9365 by changing the saturation by 10% instead.


 67.1532, 51.0483,
95.9365


 67.1532, 51.0483,
95.9365


439.9138,
390.7514, 568.2195

 49.4803, 36.2470,
72.3135

 114.1885, 91.7262,
157.5645

 35.2167, 24.6251,
52.9264

 144.2816,
118.3716, 196.4065

 23.9972, 15.7979,
37.3567


179.2454,
149.7338, 241.1586

 15.4562, 9.3813,
25.1858

219.4454,
186.1973, 292.2394

 9.2286, 4.9907,
15.9953

265.2469,
228.1464, 350.0673

 4.9489, 2.2418,
9.3665

317.0152,

 2.2518, 0.7426,

275.9655, 415.0609

4.8809

375.1157,
330.0391, 487.6388

■ 0.7698, 0.0000,
2.1201

■ 0.0000, 0.0000,
0.6277

■ 67.1532, 51.0483,
95.9365

■ 67.1532, 51.0483,
95.9365

■ 62.9105, 43.1333,
94.6331

■ 72.2639, 60.6938,
97.5296

■ 59.4788, 36.8378,
93.5988

■ 78.2854, 72.1584,
99.4252

■ 56.8020, 32.0488,
92.8155

■ 85.2635, 85.5331,
101.6390

■ 54.8148, 28.6355,
92.2614

■ 92.0786, 98.5780,
103.7977

53.4408, 26.4452,
91.9111

92.4751, 98.7825,
103.8163

52.5850, 25.2881,
91.7328

92.8739, 98.9881,
103.8349

52.3373, 25.0056,
91.6914

93.2751, 99.1949,
103.8537

93.6786, 99.4029,
103.8726

94.0845, 99.6121,
103.8916

Harmonies

Analogous

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



57.6545, 51.0483, 126.6314



67.1532, 51.0483, 95.9365



71.6951, 51.0483, 60.6980

Triad

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



67.1532, 51.0483, 95.9365



50.2745, 51.0483, 15.4415



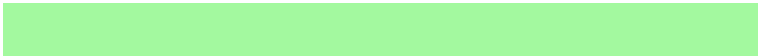
32.3563, 51.0483, 84.0851

Complementary

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



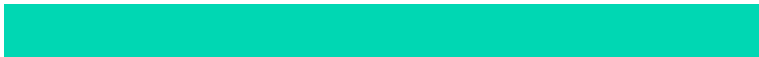
67.1532, 51.0483, 95.9365



55.2397, 78.0424, 44.9556

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.



30.9693, 51.0483, 50.7636



67.1532, 51.0483, 95.9365



40.4050, 51.0483, 17.8005

Square

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



67.1532, 51.0483, 95.9365



61.0897, 51.0483, 20.2276



33.6979, 51.0483, 28.5077



37.8046, 51.0483, 118.2267

Rectangle

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



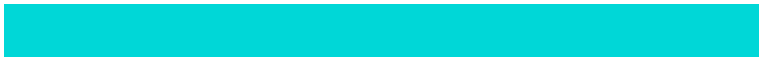
67.1532, 51.0483, 95.9365



70.8845, 51.0483, 41.7661



33.6979, 51.0483, 28.5077



31.4365, 51.0483, 72.1533

Sweetspot

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



67.1549, 51.0505, 95.9376



86.2883, 83.1552, 106.1104



44.5853, 40.5853, 95.1071



18.2569, 17.3918, 22.6447



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.



67.1549, 51.0505, 95.9376



67.6989, 47.9255, 100.2902



62.9135, 49.5169, 66.2413



17.9123, 17.4830, 21.8158



28.0485, 13.4022, 49.0821



2.6207, 1.2531, 4.5469

Inverse Universe

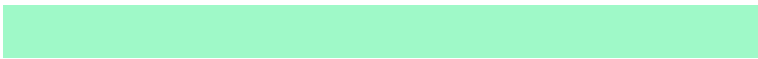
The Inverse Universe completely reimagines the original color for something new.



58.0776, 47.5826, 40.7759



56.9419, 43.8271, 34.4066



58.5425, 79.2704, 66.5550



17.2759, 17.2377, 18.0425



20.9579, 10.7989, 1.2206



1.9517, 1.0044, 0.1691

Previews

White Background



This preview shows how the XYZ color 67.1532, 51.0483, 95.9365 looks on a white background.

Color Contrast Check

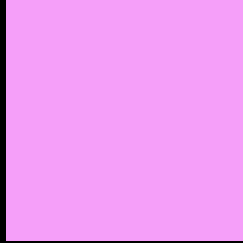
Large Text (above 18pt) WCAG AA × Fail

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 67.1532, 51.0483, 95.9365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

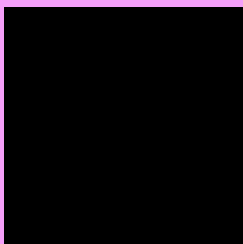
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1532, 51.0483, 95.9365

Background



This preview shows how black text looks on a background with the XYZ color 67.1532, 51.0483, 95.9365.



This preview shows how white text looks on a background with the XYZ color 67.1532, 51.0483,

95.9365.

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

67.1532, 51.0483, 95.9365

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.4784, 51.2332, 92.7110



Tritanopia

58.1016, 50.8407, 52.6499

Trichromacy



Original Color

67.1532, 51.0483, 95.9365



Protanomaly

56.4777, 50.4064, 99.6812



Deuteranomaly

56.7885, 50.4010, 93.9241



Tritanomaly

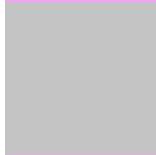
60.8005, 50.5422, 66.2256

Monochromacy



Original Color

67.1532, 51.0483, 95.9365



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.4343, 52.5083, 71.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1532, 51.0483, 95.9365 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(245, 159, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 159, 249)  
}
```

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(245, 159, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 159, 249) }
```

Border

The CSS property to change the border of an element to XYZ 67.1532, 51.0483, 95.9365 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(245, 159, 249) }
```


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

```
.border{ border-color:rgb(245, 159, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 159, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 159, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 159, 249); box-shadow:4px 4px 4px 4px rgb(245, 159, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1532, 51.0483, 95.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 159, 249) }
```

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

```
.background{ background-color: rgb(245,  
159, 249) }
```

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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