

Converting Colors

XYZ(66.2374, 43.9652, 94.3931)

Have a look what the booklet for
XYZ(66.2374, 43.9652, 94.3931)
contains.

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Color

**XYZ(66.3215, 44.0648,
94.6324)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82F9
RGB	255, 130, 249
RGB Percent	100%, 51%, 98%
CMY	0.0000, 0.4902, 0.0235
CMYK	0.00, 0.49, 0.02, 0.00
HSL	303°, 100%, 75%
HSV	303°, 49%, 100%
XYZ	66.3215, 44.0648, 94.6324
YIQ	180.9410, 36.3010, 63.5090

Conversions

Conversions Part 2

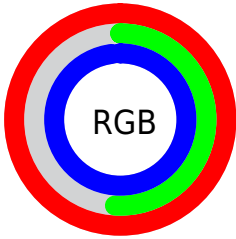
Format	Color
R_{YB}	255, 130, 249
Decimal	16745209
CIE _{Lab}	72.27, 63.00, -38.67
CIE _{LCh}	72, 73.921, 328.457
Yxy	44.0648, 0.3235, 0.2149
Android (android.graphics.Color)	4294935289 (0xFFFF82F9)
YUV	180.9410, 33.5531, 64.9497
Hunter-Lab	66.3813, 62.1718, -38.0562

Details

The XYZ color **66.3215, 44.0648, 94.6324** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.4112, 78.0440, 35.7543**, and the grayscale version is **43.7012, 45.9770, 50.0690**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **34.7282, 20.4391, 51.9839** is the 20% darker color. If you saturate the color by 10%, you get **63.1501, 38.0263, 92.6370**, and if you desaturate by 10%, it is **70.3363, 51.7878, 96.9162**.

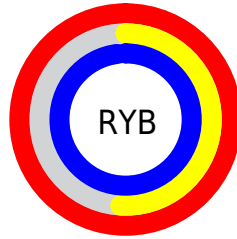
Distribution



Red (100%)

Green (51%)

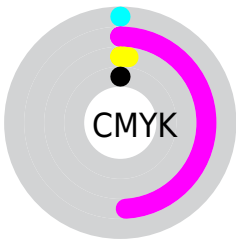
Blue (98%)



Red (100%)

Yellow (51%)

Blue (98%)

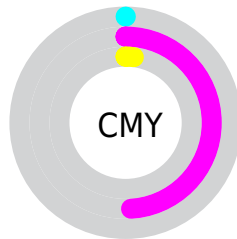


Cyan (0%)

Magenta (49%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3215, 44.0648, 94.6324 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 66.3215, 44.0648, 94.6324 by changing the saturation by 10% instead.


 66.3215, 44.0648,
94.6324


 66.3215, 44.0648,
94.6324

436.9963,
362.9726, 563.9417

 48.8021, 30.7215,
71.2339

 113.0028, 81.3152,
155.7479

 34.6764, 20.3868,
52.0501


 142.8955,
105.9911, 194.3019

 23.5791, 12.6765,
36.6625


 177.6432,
135.2133, 238.7448

 15.1447, 7.2062,
24.6525

217.6115,
169.3662, 289.4951

 9.0080, 3.5914,
15.6017

263.1655,
208.8342, 346.9714

 4.8035, 1.4477,
9.0915

314.6708,

 2.1660, 0.2515,

254.0017, 411.5923

4.7033

372.4926,
305.2530, 483.7762

■ 0.7247, 0.0000,
2.0186

■ 0.0000, 0.0000,
0.5667

■ 66.3215, 44.0648,
94.6324

■ 66.3215, 44.0648,
94.6324

■ 63.1501, 38.0263,
92.6370

■ 70.3363, 51.7878,
96.9162

■ 60.7560, 33.5407,
90.9063

■ 75.2485, 61.3036,
99.5047

■ 59.0680, 30.4653,
89.4170

■ 81.1108, 72.7177,
102.4161

■ 58.0005, 28.6288,
88.1407

■ 87.9712, 86.1258,
105.6663

■ 57.4269, 27.7783,
87.0351

95.0500, 100.0000,
108.9000

■ 57.3816, 27.7166,
86.9304

Harmonies

Analogous

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



54.6243, 44.0648, 139.4262



66.3215, 44.0648, 94.6324



71.3306, 44.0648, 49.8861

Triad

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



66.3215, 44.0648, 94.6324



42.5430, 44.0648, 6.5332



23.8778, 44.0648, 89.5969

Complementary

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



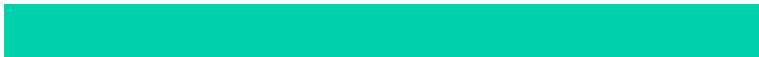
66.3215, 44.0648, 94.6324



49.4112, 78.0440, 35.7543

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.



21.9124, 44.0648, 46.1213



66.3215, 44.0648, 94.6324



31.2939, 44.0648, 9.0254

Square

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



66.3215, 44.0648, 94.6324



55.9945, 44.0648, 9.6575



24.3325, 44.0648, 19.9117



30.3659, 44.0648, 135.6281

Rectangle

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



66.3215, 44.0648, 94.6324



69.5671, 44.0648, 29.0745



24.3325, 44.0648, 19.9117



22.7320, 44.0648, 73.6908

Sweetspot

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



66.3225, 44.0665, 94.6333



83.7443, 77.8592, 103.6802



35.8925, 28.2694, 98.1725



17.6246, 16.0789, 22.0484



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.



66.3225, 44.0665, 94.6333



63.1549, 38.0353, 92.6402



58.3369, 40.8723, 52.5819



18.7528, 18.2844, 22.5813



29.9996, 14.4891, 45.5098



2.9321, 1.4152, 4.4899

Inverse Universe

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



66.3225, 44.0665, 94.6333



63.1549, 38.0353, 92.6402



55.0071, 80.2824, 65.2219



18.7528, 18.2844, 22.5813



29.9996, 14.4891, 45.5098



2.9321, 1.4152, 4.4899

Previews

White Background



This preview shows how the XYZ color 66.3215, 44.0648, 94.6324 looks on a white background.

Color Contrast Check

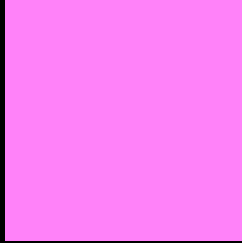
Large Text (above 18pt) WCAG AA × Fail

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 66.3215, 44.0648, 94.6324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

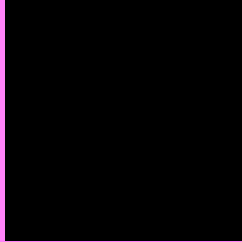
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3215, 44.0648, 94.6324

Background



This preview shows how black text looks on a background with the XYZ color 66.3215, 44.0648, 94.6324.



This preview shows how white text looks on a background with the XYZ color 66.3215, 44.0648,

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

66.3215, 44.0648, 94.6324

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.5052, 44.3817, 89.3872



Tritanopia

54.8964, 43.9749, 39.7771

Trichromacy



Original Color

66.3215, 44.0648, 94.6324



Protanomaly

51.1140, 42.7069, 98.4778



Deuteranomaly

50.9754, 42.7973, 91.1620



Tritanomaly

58.2715, 43.4964, 56.3633

Monochromacy



Original Color

66.3215, 44.0648, 94.6324



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

50.0733, 43.7068, 64.1896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3215, 44.0648, 94.6324 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, 130, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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(255, 130, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 249) }
```

Border

The CSS property to change the border of an element to XYZ 66.3215, 44.0648, 94.6324 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, 130, 249) }
```


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

```
.border{ border-color:rgb(255, 130, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3215, 44.0648, 94.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 249) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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