

Converting Colors

XYZ(64.1742, 44.8413, 88.4395)

Have a look what the booklet for
XYZ(64.1742, 44.8413, 88.4395)
contains.

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Color

**XYZ(64.0326, 44.6676,
88.4659)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F98AF1 |
| RGB | 249, 138, 241 |
| RGB Percent | 98%, 54%, 95% |
| CMY | 0.0235, 0.4588, 0.0549 |
| CMYK | 0.00, 0.45, 0.03, 0.02 |
| HSL | 304°, 90%, 76% |
| HSV | 304°, 45%, 98% |
| XYZ | 64.0326, 44.6676, 88.4659 |
| YIQ | 182.9310, 33.0930, 55.5650 |

Conversions

Conversions Part 2

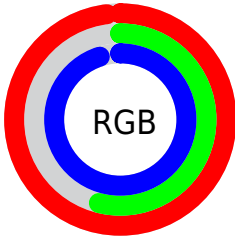
| Format | Color |
|-------------------------------------|--|
| RYB | 249, 138, 241 |
| Decimal | 16354033 |
| CIELab | 72.67, 56.11, -33.74 |
| CIELCh | 73, 65.474, 328.980 |
| Yxy | 44.6676, 0.3248, 0.2265 |
| Android (android.graphics.Color) | 4294544113 (0xFFFF98AF1) |
| YUV | 182.9310, 28.6280, 57.9425 |
| Hunter-Lab | 66.8338, 54.0593, -31.6967 |

Details

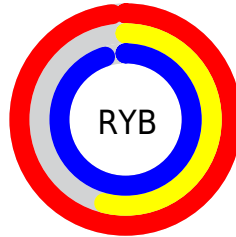
The XYZ color **64.0326, 44.6676, 88.4659** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.5472, 75.2316, 39.1066**, and the grayscale version is **44.8088, 47.1424, 51.3380**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **33.0854, 20.6364, 48.1384** is the 20% darker color. If you saturate the color by 10%, you get **60.5948, 38.2181, 86.0041**, and if you desaturate by 10%, it is **68.2948, 52.7598, 91.2164**.

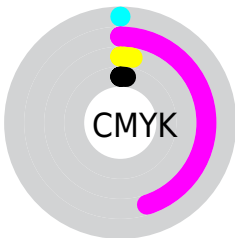
Distribution



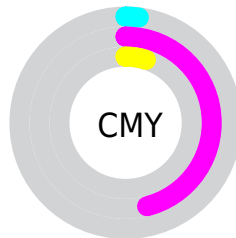
- Red (98%)
- Green (54%)
- Blue (95%)



- Red (98%)
- Yellow (54%)
- Blue (95%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0326, 44.6676, 88.4659 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 64.0326, 44.6676, 88.4659 by changing the saturation by 10% instead.


 64.0326, 44.6676,
88.4659

 64.0326, 44.6676,
88.4659


428.9077,
365.4257, 543.4685


 46.9389, 31.1957,
66.1425

 109.7314, 82.2214,
147.1225

 33.1951, 20.7479,
47.9308

 139.0671,
107.0720, 184.2926

 22.4359, 12.9399,
33.4125

 173.2142,
136.4844, 227.2488

 14.2959, 7.3871,
22.1689

212.5380,
170.8429, 276.4095

 8.4098, 3.7054,
13.7816

257.4039,
210.5318, 332.1933

 4.4123, 1.5102,
7.8319

308.1773,

 1.9379, 0.2959,

255.9357, 395.0187

3.9013

365.2234,
307.4388, 465.3043

■ 0.5987, 0.0000,
1.5714

■ 0.0000, 0.0000,
0.2703

■ 64.0326, 44.6676,
88.4659

■ 64.0326, 44.6676,
88.4659

■ 60.5948, 38.2181,
86.0041

■ 68.2948, 52.7598,
91.2164

■ 57.9203, 33.2918,
83.8093

■ 73.4283, 62.5913,
94.2700

■ 55.9465, 29.7628,
81.8610

■ 79.4817, 74.2585,
97.6433

■ 54.5992, 27.4826,
80.1344

■ 86.4988, 87.8488,
101.3510

53.7872, 26.2686,
78.5992

92.0788, 98.5606,
104.5929

53.4988, 25.9125,
77.8226

92.3617, 98.6737,
106.0822

92.6472, 98.7879,
107.5857

92.8774, 98.8800,
108.7983

Harmonies

Analogous

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



53.9280, 44.6676, 126.3329



64.0326, 44.6676, 88.4659



68.2198, 44.6676, 49.7559

Triad

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



64.0326, 44.6676, 88.4659



42.8447, 44.6676, 9.0929



26.0862, 44.6676, 85.6269

Complementary

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



64.0326, 44.6676, 88.4659



49.5472, 75.2316, 39.1066

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.



24.1634, 44.6676, 47.5319



64.0326, 44.6676, 88.4659



32.7372, 44.6676, 11.8946

Square

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



64.0326, 44.6676, 88.4659



54.7207, 44.6676, 12.3348



26.3678, 44.6676, 23.0183



32.1749, 44.6676, 124.2433

Rectangle

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



64.0326, 44.6676, 88.4659



66.6099, 44.6676, 31.0116



26.3678, 44.6676, 23.0183



24.9849, 44.6676, 71.9208

Sweetspot

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



64.0341, 44.6696, 88.4668



84.9891, 80.4900, 103.6602



37.9371, 31.0750, 93.6223



17.8630, 16.5939, 22.0101



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.



64.0341, 44.6696, 88.4668



64.4593, 41.2652, 91.1606



57.0308, 41.8683, 51.5879



17.9359, 17.5017, 21.5180



28.6594, 13.8795, 41.7766



2.6701, 1.2918, 3.9519

Inverse Universe

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



64.0341, 44.6696, 88.4668



64.4593, 41.2652, 91.1606



54.8896, 77.3686, 67.2394



17.9359, 17.5017, 21.5180



28.6594, 13.8795, 41.7766



2.6701, 1.2918, 3.9519

Previews

White Background



This preview shows how the XYZ color 64.0326, 44.6676, 88.4659 looks on a white background.

Color Contrast Check

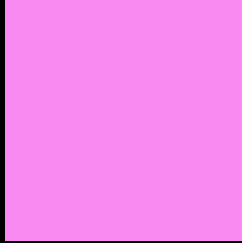
Large Text (above 18pt) WCAG AA × Fail

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 64.0326, 44.6676, 88.4659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

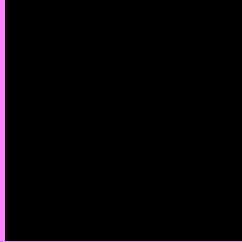
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0326, 44.6676, 88.4659

Background



This preview shows how black text looks on a background with the XYZ color 64.0326, 44.6676, 88.4659.



This preview shows how white text looks on a background with the XYZ color 64.0326, 44.6676,

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

64.0326, 44.6676, 88.4659

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.1025, 45.0982, 84.1169



Tritanopia

54.5395, 44.7211, 41.8339

Trichromacy



Original Color

64.0326, 44.6676, 88.4659



Protanomaly

50.9147, 43.4342, 96.1426



Deuteranomaly

50.9713, 43.6908, 85.8675



Tritanomaly

57.3352, 44.3998, 56.0002

Monochromacy



Original Color

64.0326, 44.6676, 88.4659



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

50.4499, 45.2625, 63.2043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0326, 44.6676, 88.4659 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(249, 138, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 138, 241)  
}
```

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(249, 138, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 138, 241) }
```

Border

The CSS property to change the border of an element to XYZ 64.0326, 44.6676, 88.4659 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(249, 138, 241) }
```


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

```
.border{ border-color:rgb(249, 138, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 138, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 138, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 138, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 138,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0326, 44.6676, 88.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 138, 241) }
```

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

```
.background{ background-color: rgb(249,  
138, 241) }
```

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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