

Converting Colors

XYZ(61.5837, 36.7158, 98.4488)

Have a look what the booklet for
XYZ(61.5837, 36.7158, 98.4488)
contains.

XYZ(61.5128, 36.6792, 98.4455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5128, 36.6792,
98.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	F866FF
RGB	248, 102, 255
RGB Percent	97%, 40%, 100%
CMY	0.0274, 0.6000, 0.0000
CMYK	0.03, 0.60, 0.00, 0.00
HSL	297°, 100%, 70%
HSV	297°, 60%, 100%
XYZ	61.5128, 36.6792, 98.4455
YIQ	163.0960, 37.9030, 78.5350

Conversions

Conversions Part 2

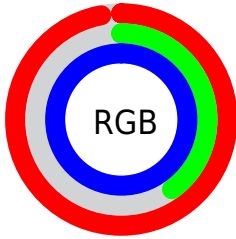
Format	Color
R _{YB}	248, 102, 255
Decimal	16279295
CIE Lab	67.04, 74.58, -50.23
CIE LCh	67, 89.918, 326.041
Yxy	36.6792, 0.3128, 0.1865
Android (android.graphics.Color)	4294469375 (0xFFFF866FF)
YUV	163.0960, 45.3087, 74.4608
Hunter-Lab	60.5634, 75.3125, -53.9813

Details

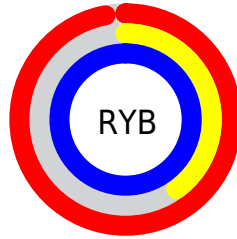
The XYZ color **61.5128, 36.6792, 98.4455** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.4658, 75.7309, 24.8460**, and the grayscale version is **34.6400, 36.4439, 39.6875**.

A 20% lighter version of the original color is **71.8608, 53.6216, 101.1703**, and **31.5630, 16.0303, 54.8567** is the 20% darker color. If you saturate the color by 10%, you get **58.9692, 32.2032, 97.7156**, and if you desaturate by 10%, it is **64.8319, 42.7005, 99.4328**.

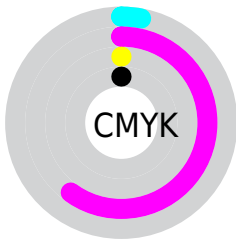
Distribution



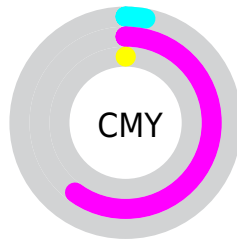
- Red (97%)
- Green (40%)
- Blue (100%)



- Red (97%)
- Yellow (40%)
- Blue (100%)



- Cyan (3%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5128, 36.6792, 98.4455 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 61.5128, 36.6792, 98.4455 by changing the saturation by 10% instead.


 61.5128, 36.6792,
98.4455

 61.5128, 36.6792,
98.4455


419.8976,
331.9195, 576.4013

 44.8933, 24.9592,
74.3933

 106.1150, 70.0791,
161.0525

 31.5743, 16.0467,
54.6173


 134.8284, 92.5278,
200.4444

 21.1905, 9.5572,
38.6989


 168.3037,
119.3216, 245.7866

 13.3766, 5.1064,
26.2195

 206.9064,
150.8447, 297.4977

 7.7672, 2.3098,
16.7607

251.0018,
187.4817, 355.9961

 3.9969, 0.7789,
9.9039

300.9552,

 1.7004, 0.0000,

229.6169, 421.7005

5.2305

357.1320,
277.6347, 495.0294

■ 0.4565, 0.0000,
2.3220

■ 0.0000, 0.0000,
0.7435

■ 61.5128, 36.6792,
98.4455

■ 61.5128, 36.6792,
98.4455

■ 58.9692, 32.2032,
97.7156

■ 64.8319, 42.7005,
99.4328

■ 57.1242, 29.1212,
97.2179

■ 68.9867, 50.3904,
100.6981

■ 55.8915, 27.2603,
96.9237

■ 74.0358, 59.8651,
102.2607

■ 55.1284, 26.3347,
96.7853

■ 80.0314, 71.2290,
104.1382

■ 55.1282, 26.3345,
96.7852

■ 87.0219, 84.5788,
106.3465

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.7165, 36.6792, 152.8796



61.5128, 36.6792, 98.4455



68.1935, 36.6792, 45.3622

Triad

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



61.5128, 36.6792, 98.4455



36.7085, 36.6792, 2.0797



16.1825, 36.6792, 82.9188

Complementary

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



61.5128, 36.6792, 98.4455



44.4658, 75.7309, 24.8460

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.



14.6707, 36.6792, 34.9634



61.5128, 36.6792, 98.4455



24.5529, 36.6792, 3.3030

Square

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



61.5128, 36.6792, 98.4455



51.6962, 36.6792, 4.3908



17.2947, 36.6792, 10.9251



22.1484, 36.6792, 140.5135

Rectangle

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



61.5128, 36.6792, 98.4455



66.7026, 36.6792, 22.5442



17.2947, 36.6792, 10.9251



15.2165, 36.6792, 64.5477

Sweetspot

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



61.5141, 36.6808, 98.4457



81.3468, 73.7340, 104.5524



29.0691, 21.1229, 97.1528



17.0043, 15.0067, 22.2503



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.



61.5141, 36.6808, 98.4457



58.5463, 31.4794, 97.5981



54.8712, 34.3157, 50.2712



18.7057, 18.2555, 22.7877



28.8417, 13.7789, 50.5741



2.8326, 1.3542, 4.9254

Inverse Universe

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



48.7526, 31.8682, 18.0509



44.9593, 26.3937, 10.2752



48.5769, 77.2798, 50.8111



18.0430, 18.0005, 18.8438



21.5967, 11.1280, 1.2608



2.1141, 1.0880, 0.1823

Previews

White Background



This preview shows how the XYZ color 61.5128, 36.6792, 98.4455 looks on a white background.

Color Contrast Check

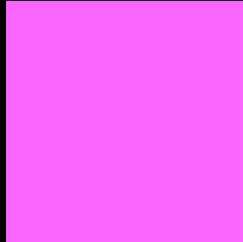
Large Text (above 18pt) WCAG AA × Fail

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 61.5128, 36.6792, 98.4455 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 61.5128, 36.6792, 98.4455

Background



This preview shows how black text looks on a background with the XYZ color 61.5128, 36.6792, 98.4455.



This preview shows how white text looks on a background with the XYZ color 61.5128, 36.6792,

98.4455.

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

61.5128, 36.6792, 98.4455

Protanopia

39.5473, 37.2218, 99.7079

Deuteranopia

38.0059, 36.8689, 91.4995



Tritanopia

47.2771, 36.2507, 30.4919

Trichromacy



Original Color

61.5128, 36.6792, 98.4455



Protanomaly

44.2227, 34.6341, 98.9620



Deuteranomaly

43.0545, 34.1418, 93.9433

Tritanomaly

51.2079, 35.7305, 49.5451

Monochromacy



Original Color

61.5128, 36.6792, 98.4455



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

41.7368, 34.5046, 56.6848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5128, 36.6792, 98.4455 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(248, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 102, 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(248, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 102, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.5128, 36.6792, 98.4455 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(248, 102, 255) }
```


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

```
.border{ border-color:rgb(248, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 102,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5128, 36.6792, 98.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 102, 255) }
```

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

```
.background{ background-color: rgb(248,  
102, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor