

Converting Colors

XYZ(62.0774, 34.3752, 96.9215)

Have a look what the booklet for
XYZ(62.0774, 34.3752, 96.9215)
contains.

XYZ(62.1467, 34.4503, 97.1400)	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(62.1467, 34.4503,
97.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52FE
RGB	255, 82, 254
RGB Percent	100%, 32%, 100%
CMY	0.0000, 0.6784, 0.0039
CMYK	0.00, 0.68, 0.00, 0.00
HSL	300°, 100%, 66%
HSV	300°, 68%, 100%
XYZ	62.1467, 34.4503, 97.1400
YIQ	153.3350, 47.8960, 90.1680

Conversions

Conversions Part 2

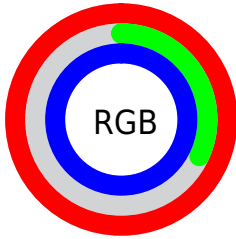
Format	Color
RYB	255, 82, 254
Decimal	16732926
CIELab	65.32, 83.46, -52.33
CIELCh	65, 98.512, 327.913
Yxy	34.4503, 0.3208, 0.1778
Android (android.graphics.Color)	4294923006 (0xFFFF52FE)
YUV	153.3350, 49.6278, 89.1602
Hunter-Lab	58.6944, 86.2840, -57.0397

Details

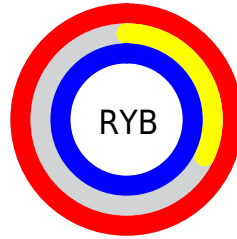
The XYZ color **62.1467, 34.4503, 97.1400** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **40.8020, 73.9388, 20.3062**, and the grayscale version is **30.2016, 31.7745, 34.6024**.

A 20% lighter version of the original color is **69.2633, 48.4265, 100.3044**, and **32.3262, 15.5006, 54.1114** is the 20% darker color. If you saturate the color by 10%, you get **60.5448, 31.2842, 96.4901**, and if you desaturate by 10%, it is **64.4639, 39.0468, 98.0293**.

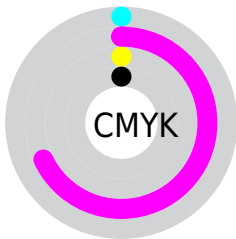
Distribution



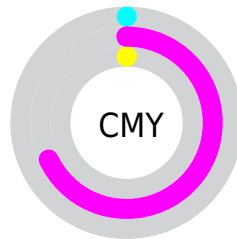
- Red (100%)
- Green (32%)
- Blue (100%)



- Red (100%)
- Yellow (32%)
- Blue (100%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1467, 34.4503, 97.1400 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 62.1467, 34.4503, 97.1400 by changing the saturation by 10% instead.


 62.1467, 34.4503,
97.1400


 62.1467, 34.4503,
97.1400

422.1750,
322.1353, 572.1519

 45.4073, 23.2397,
73.3107

 107.0263, 66.6333,
159.2387


 31.9810, 14.7706,
53.7367


 135.8971, 88.3746,
198.3452

 21.5025, 8.6586,
37.9994


 169.5425,
114.3948, 243.3812

 13.6063, 4.5192,
25.6804

 208.3278,
145.0785, 294.7651

 7.9272, 1.9680,
16.3611

252.6184,
180.8100, 352.9157

 4.0998, 0.5888,
9.6229

302.7795,

 1.7588, 0.0000,

221.9737, 418.2513

5.0473

359.1766,
268.9540, 491.1905

■ 0.4926, 0.0000,
2.2158

■ 0.0000, 0.0000,
0.6835

■ 62.1467, 34.4503,
97.1400

■ 62.1467, 34.4503,
97.1400

■ 60.5448, 31.2842,
96.4901

■ 64.4639, 39.0468,
98.0293

■ 59.5725, 29.3773,
96.0497

■ 67.5653, 45.2119,
99.1796

■ 59.1185, 28.5071,
95.7822

■ 71.5140, 53.0714,
100.6125

■ 59.0537, 28.3855,
95.7355

■ 76.3661, 62.7378,
102.3466

82.1729, 74.3135,
104.3990

88.9819, 87.8936,
106.7856

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.



47.4431, 34.4503, 159.7396



62.1467, 34.4503, 97.1400



68.8085, 34.4503, 40.4648

Triad

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



62.1467, 34.4503, 97.1400



33.7599, 34.4503, 0.9910



13.9049, 34.4503, 88.0336

Complementary

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



62.1467, 34.4503, 97.1400



40.8020, 73.9388, 20.3062

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.



12.1776, 34.4503, 34.7036



62.1467, 34.4503, 97.1400



21.4457, 34.4503, 2.0439

Square

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



62.1467, 34.4503, 97.1400



49.7084, 34.4503, 2.4864



14.4808, 34.4503, 9.2352



20.1587, 34.4503, 152.2920

Rectangle

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



62.1467, 34.4503, 97.1400



66.6657, 34.4503, 18.0687



14.4808, 34.4503, 9.2352



12.8730, 34.4503, 67.4632

Sweetspot

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



62.1474, 34.4515, 97.1407



80.8355, 71.6468, 103.9280



24.5482, 15.0499, 96.2188



16.9444, 14.6222, 22.1186



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.



62.1474, 34.4515, 97.1407



60.1739, 30.5543, 96.3297



51.3728, 30.1417, 40.4027



18.7879, 18.2985, 22.7664



30.8589, 14.8329, 50.0349



3.0060, 1.4448, 4.8792

Inverse Universe

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



62.1474, 34.4515, 97.1407



60.1739, 30.5543, 96.3297



46.3553, 76.1602, 49.5496



18.7879, 18.2985, 22.7664



30.8589, 14.8329, 50.0349



3.0060, 1.4448, 4.8792

Previews

White Background



This preview shows how the XYZ color 62.1467, 34.4503, 97.1400 looks on a white background.

Color Contrast Check

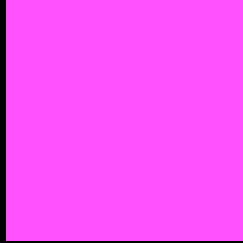
Large Text (above 18pt) WCAG AA × Fail

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 62.1467, 34.4503, 97.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

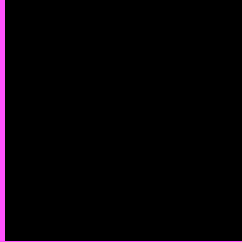
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1467, 34.4503, 97.1400

Background



This preview shows how black text looks on a background with the XYZ color 62.1467, 34.4503, 97.1400.



This preview shows how white text looks on a background with the XYZ color 62.1467, 34.4503,

97.1400.

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

62.1467, 34.4503, 97.1400

Protanopia

37.4097, 34.8485, 99.3625

Deuteranopia

35.7251, 34.7161, 88.8224



Tritanopia

47.2644, 34.2315, 25.2353

Trichromacy



Original Color

62.1467, 34.4503, 97.1400



Protanomaly

42.0487, 31.2453, 98.4225



Deuteranomaly

40.7656, 30.9439, 91.0130



Tritanomaly

51.0016, 33.2034, 44.2782

Monochromacy



Original Color

62.1467, 34.4503, 97.1400



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

38.1188, 29.8436, 52.4665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1467, 34.4503, 97.1400 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, 82, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 254)  
}
```

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, 82, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 254) }
```

Border

The CSS property to change the border of an element to XYZ 62.1467, 34.4503, 97.1400 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, 82, 254) }
```


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

```
.border{ border-color:rgb(255, 82, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1467, 34.4503, 97.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 254) }
```

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

```
.background{ background-color: rgb(255, 82,  
254) }
```

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