

Converting Colors

XYZ(47.3224, 38.3890,
114.4832)

Have a look what the booklet for
XYZ(47.3224, 38.3890, 114.4832)
contains.

XYZ(44.4265, 37.2457, 99.4554)	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(44.4265, 37.2457,
99.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	A497FF
RGB	164, 151, 255
RGB Percent	64%, 59%, 100%
CMY	0.3568, 0.4078, 0.0000
CMYK	0.36, 0.41, 0.00, 0.00
HSL	248°, 100%, 80%
HSV	248°, 41%, 100%
XYZ	44.4265, 37.2457, 99.4554
YIQ	166.7430, -25.6360, 35.1000

Conversions

Conversions Part 2

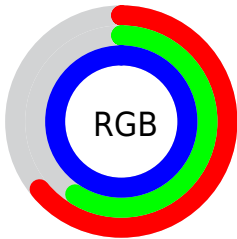
Format	Color
RYB	164, 151, 255
Decimal	10786815
CIELab	67.46, 28.29, -50.15
CIElCh	67, 57.583, 299.425
Yxy	37.2457, 0.2453, 0.2056
Android (android.graphics.Color)	4288976895 (0xFFA497FF)
YUV	166.7430, 43.5107, -2.4056
Hunter-Lab	61.0293, 23.1386, -53.9006

Details

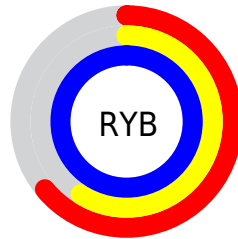
The XYZ color **44.4265, 37.2457, 99.4554** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.9634, 92.6314, 43.0498**, and the grayscale version is **36.4109, 38.3071, 41.7164**.

A 20% lighter version of the original color is **70.0055, 66.4122, 103.7369**, and **20.9346, 16.3797, 55.4843** is the 20% darker color. If you saturate the color by 10%, you get **36.5500, 27.7384, 98.0354**, and if you desaturate by 10%, it is **54.0007, 48.9469, 101.2093**.

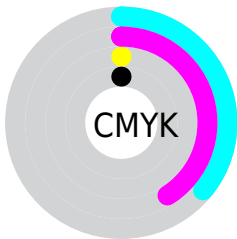
Distribution



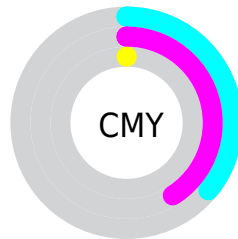
- Red (64%)
- Green (59%)
- Blue (100%)



- Red (64%)
- Yellow (59%)
- Blue (100%)



- Cyan (36%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4265, 37.2457, 99.4554 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 44.4265, 37.2457, 99.4554 by changing the saturation by 10% instead.

■ 44.4265, 37.2457,
99.4554

■ 44.4265, 37.2457,
99.4554

355.2688,
334.3730, 579.6770

■ 31.2053, 25.3978,
75.2314

■ 81.1015, 70.9505,
162.4539

■ 20.9078, 16.3737,
55.2997

■ 105.2860, 93.5762,
202.0656

■ 13.1687, 9.7890,
39.2415

133.8557,
120.5633, 247.6435

■ 7.6226, 5.2593,
26.6383

167.1759,
152.2961, 299.6064

■ 3.9042, 2.4002,
17.0718

205.6119,
189.1591, 358.3726

■ 1.6481, 0.8260,
10.1232

249.5292,

■ 0.4234, 0.0000,

231.5367, 424.3607

5.3740

299.2930,
279.8132, 497.9893

■ 0.0000, 0.0000,
2.4058

■ 0.0000, 0.0000,
0.7896

■ 44.4265, 37.2457,
99.4554

■ 44.4265, 37.2457,
99.4554

■ 36.5500, 27.7384,
98.0354

■ 54.0007, 48.9469,
101.2093

■ 30.2675, 20.2837,
96.9276

■ 65.3606, 62.9634,
103.3160

■ 25.4695, 14.7301,
96.1085

■ 78.5925, 79.4125,
105.7936

■ 22.0311, 10.9029,
95.5510

■ 93.7760, 98.4022,
108.6587

■ 19.8056, 8.5949,
95.2228

95.0500, 100.0000,
108.9000

■ 18.6420, 7.5252,
95.0777

Harmonies

Analogous

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



35.2307, 37.2457, 111.3149



44.4265, 37.2457, 99.4554



52.1465, 37.2457, 70.7010

Triad

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



44.4265, 37.2457, 99.4554



44.7710, 37.2457, 11.4209



20.9780, 37.2457, 40.0679

Complementary

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



44.4265, 37.2457, 99.4554



77.9634, 92.6314, 43.0498

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.



22.6894, 37.2457, 20.4888



44.4265, 37.2457, 99.4554



35.5717, 37.2457, 8.7535

Square

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



44.4265, 37.2457, 99.4554



52.3675, 37.2457, 21.0300



27.6889, 37.2457, 11.2124



22.5628, 37.2457, 69.4830

Rectangle

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



44.4265, 37.2457, 99.4554



54.8789, 37.2457, 50.1609



27.6889, 37.2457, 11.2124



21.1817, 37.2457, 32.2598

Sweetspot

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



44.4278, 37.2470, 99.4555



76.8798, 77.2775, 105.4718



62.8238, 77.8211, 106.3176



16.0687, 16.0588, 22.5027



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.



44.4278, 37.2470, 99.4555



37.8350, 29.2795, 98.2651



57.1808, 43.8215, 100.0524



17.2140, 17.4865, 22.7179



9.8061, 3.9657, 49.6832



1.0181, 0.4188, 4.8404

Inverse Universe

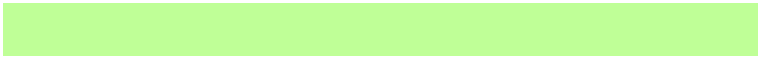
The Inverse Universe completely reimagines the original color for something new.



68.3338, 49.8047, 90.0147



64.8653, 43.4930, 86.9312



62.7989, 84.8137, 42.3401



18.6891, 18.2590, 22.2462



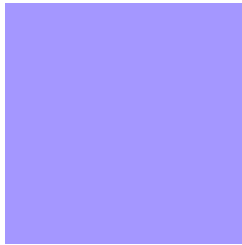
28.5553, 13.9114, 37.9043



2.8066, 1.3650, 3.8288

Previews

White Background



This preview shows how the XYZ color 44.4265, 37.2457, 99.4554 looks on a white background.

Color Contrast Check

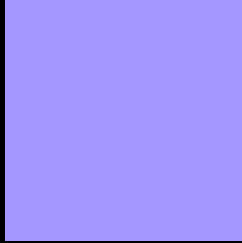
Large Text (above 18pt) WCAG AA × Fail

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 44.4265, 37.2457, 99.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

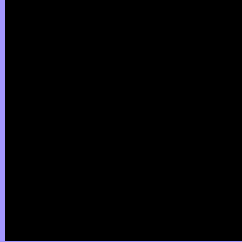
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4265, 37.2457, 99.4554

Background



This preview shows how black text looks on a background with the XYZ color 44.4265, 37.2457, 99.4554.



This preview shows how white text looks on a background with the XYZ color 44.4265, 37.2457,

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

44.4265, 37.2457, 99.4554

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.5919, 37.5723, 97.3136



Tritanopia

34.0896, 37.1358, 48.5512

Trichromacy



Original Color

44.4265, 37.2457, 99.4554

Protanomaly

41.2623, 37.0847, 99.5911

Deuteranomaly

40.2811, 37.1224, 97.9708

Tritanomaly

37.1442, 36.7670, 64.1705

Monochromacy



Original Color

44.4265, 37.2457, 99.4554

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.7796, 37.7203, 59.2697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4265, 37.2457, 99.4554 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(164, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 151, 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(164, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.4265, 37.2457, 99.4554 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(164, 151, 255) }
```


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

```
.border{ border-color:rgb(164, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4265, 37.2457, 99.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 151, 255) }
```

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

```
.background{ background-color: rgb(164,  
151, 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