

Converting Colors

XYZ(47.4540, 44.3137,
100.6600)

Have a look what the booklet for
XYZ(47.4540, 44.3137, 100.6600)
contains.

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Color

**XYZ(47.5005, 44.3021,
100.6554)**

Conversions

Conversions Part 1

Format	Color
Hex	A1ACFF
RGB	161, 172, 255
RGB Percent	63%, 67%, 100%
CMY	0.3686, 0.3255, 0.0000
CMYK	0.37, 0.33, 0.00, 0.00
HSL	233°, 100%, 82%
HSV	233°, 37%, 100%
XYZ	47.5005, 44.3021, 100.6554
YIQ	178.1730, -33.1990, 23.4810

Conversions

Conversions Part 2

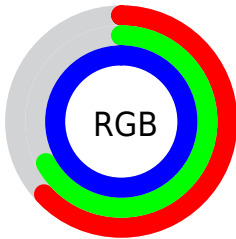
Format	Color
RYB	161, 171, 255
Decimal	10595583
CIELab	72.43, 15.62, -42.36
CIELCh	72, 45.153, 290.242
Yxy	44.3021, 0.2468, 0.2302
Android (android.graphics.Color)	4288785663 (0xFFA1ACFF)
YUV	178.1730, 37.8757, -15.0607
Hunter-Lab	66.5598, 10.9071, -43.0697

Details

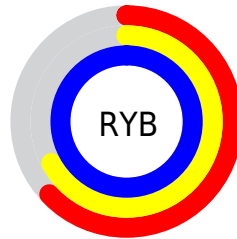
The XYZ color **47.5005, 44.3021, 100.6554** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.0245, 88.5356, 46.5916**, and the grayscale version is **42.2281, 44.4273, 48.3813**.

A 20% lighter version of the original color is **74.4325, 77.0636, 105.5595**, and **22.8534, 20.5743, 56.1928** is the 20% darker color. If you saturate the color by 10%, you get **38.9477, 34.0621, 99.1296**, and if you desaturate by 10%, it is **57.8300, 56.5375, 102.4726**.

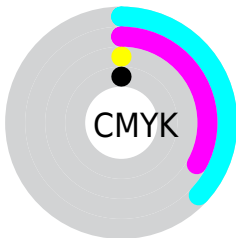
Distribution



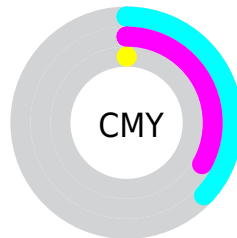
- Red (63%)
- Green (67%)
- Blue (100%)



- Red (63%)
- Yellow (67%)
- Blue (100%)



- Cyan (37%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5005, 44.3021, 100.6554 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 47.5005, 44.3021, 100.6554 by changing the saturation by 10% instead.

■ 47.5005, 44.3021,
100.6554

■ 47.5005, 44.3021,
100.6554

367.4244,
363.9396, 583.5565

■ 33.6411, 30.9081,
76.2281

■ 85.6744, 81.6721,
164.1173

■ 22.7796, 20.5289,
56.1118

■ 110.7197,
106.4169, 203.9889

■ 14.5506, 12.7801,
39.8879

140.2243,
135.7141, 249.8457

■ 8.5889, 7.2773,
27.1381

174.5535,
169.9481, 302.1063

■ 4.5290, 3.6361,
17.4436

214.0728,
209.5032, 361.1891

■ 2.0055, 1.4722,
10.3860

259.1475,

■ 0.6371, 0.2690,

254.7639, 427.5127

5.5467

310.1429,
306.1146, 501.4957

■ 0.0000, 0.0000,
2.5072

■ 0.0000, 0.0000,
0.8439

■ 47.5005, 44.3021,
100.6554

■ 47.5005, 44.3021,
100.6554

■ 38.9477, 34.0621,
99.1296

■ 57.8300, 56.5375,
102.4726

■ 32.0665, 25.7064,
97.8795

■ 70.0246, 70.8616,
104.5947

■ 26.7476, 19.1205,
96.8886

■ 84.1719, 87.3679,
107.0351

■ 22.8665, 14.1752,
96.1386

■ 95.0500, 100.0000,
108.9000

■ 20.2792, 10.7232,
95.6087

■ 18.8088, 8.5889,
95.2742

■ 18.5102, 8.1404,
95.2034

Harmonies

Analogous

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



39.6222, 44.3021, 104.0017



47.5005, 44.3021, 100.6554



54.6913, 44.3021, 81.1655

Triad

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



47.5005, 44.3021, 100.6554



52.4216, 44.3021, 22.2225



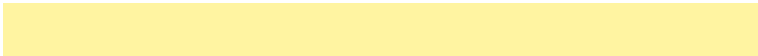
29.0146, 44.3021, 41.3324

Complementary

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



47.5005, 44.3021, 100.6554



80.0245, 88.5356, 46.5916

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.



31.6196, 44.3021, 25.6921



47.5005, 44.3021, 100.6554



44.6953, 44.3021, 17.1287

Square

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



47.5005, 44.3021, 100.6554



57.7664, 44.3021, 34.8768



37.1396, 44.3021, 18.1653



29.5703, 44.3021, 64.6369

Rectangle

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



47.5005, 44.3021, 100.6554



57.8198, 44.3021, 64.2238



37.1396, 44.3021, 18.1653



29.5361, 44.3021, 35.1519

Sweetspot

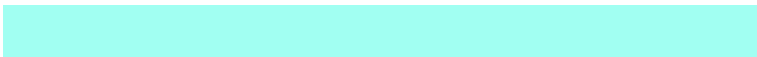
The Sweet Spot groups the original color and five complimentary colors.



47.5019, 44.3037, 100.6556



78.0743, 80.2657, 105.9856



66.5561, 85.5364, 97.3751



16.2996, 16.7001, 22.6143



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.



47.5019, 44.3037, 100.6556



41.2196, 36.7948, 99.5373



53.4228, 44.3760, 100.3575



17.1742, 17.7199, 22.7651



9.7257, 4.3610, 49.7637



0.9993, 0.5293, 4.8628

Inverse Universe

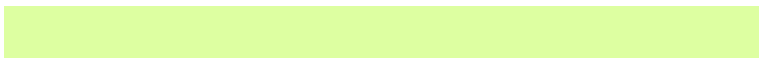
The Inverse Universe completely reimagines the original color for something new.



61.4323, 49.7299, 45.3922



57.0272, 43.2428, 36.7619



71.8708, 89.3926, 47.1867



18.0958, 18.0216, 19.1216



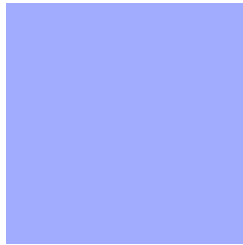
21.6973, 11.1682, 1.7904



2.1390, 1.0980, 0.3134

Previews

White Background



This preview shows how the XYZ color 47.5005, 44.3021, 100.6554 looks on a white background.

Color Contrast Check

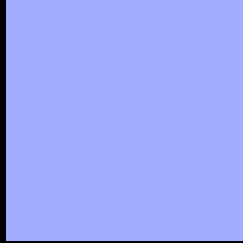
Large Text (above 18pt) WCAG AA × Fail

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 47.5005, 44.3021, 100.6554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

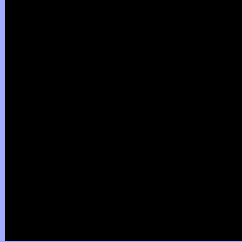
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5005, 44.3021, 100.6554

Background



This preview shows how black text looks on a background with the XYZ color 47.5005, 44.3021, 100.6554.



This preview shows how white text looks on a background with the XYZ color 47.5005, 44.3021,

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

47.5005, 44.3021, 100.6554

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.6275, 44.5023, 99.9509



Tritanopia

39.3393, 44.2401, 59.8919

Trichromacy



Original Color

47.5005, 44.3021, 100.6554

Protanomaly

46.7036, 44.4607, 100.7280

Deuteranomaly

46.3562, 44.5880, 99.9290

Tritanomaly

42.0432, 44.1270, 73.3193

Monochromacy



Original Color

47.5005, 44.3021, 100.6554

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.6792, 44.2776, 64.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5005, 44.3021, 100.6554 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(161, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 172, 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(161, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.5005, 44.3021, 100.6554 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(161, 172, 255) }
```


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

```
.border{ border-color:rgb(161, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5005, 44.3021, 100.6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 172, 255) }
```

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

```
.background{ background-color: rgb(161,  
172, 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](#).

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