

Converting Colors

XYZ(47.0626, 37.5271, 95.2054)

Have a look what the booklet for
XYZ(47.0626, 37.5271, 95.2054)
contains.

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Color

**XYZ(47.0626, 37.5272,
95.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	B792FA
RGB	183, 146, 250
RGB Percent	72%, 57%, 98%
CMY	0.2823, 0.4274, 0.0196
CMYK	0.27, 0.42, 0.00, 0.02
HSL	261°, 91%, 78%
HSV	261°, 42%, 98%
XYZ	47.0626, 37.5272, 95.2055
YIQ	168.9190, -11.3320, 40.1880

Conversions

Conversions Part 2

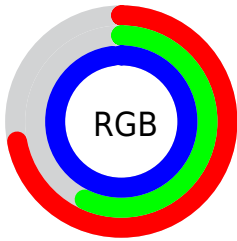
Format	Color
R_{YB}	183, 146, 250
Decimal	12030714
CIE _{Lab}	67.67, 34.91, -46.99
CIE _{LCh}	68, 58.539, 306.613
Yxy	37.5272, 0.2618, 0.2087
Android (android.graphics.Color)	4290220794 (0xFFB792FA)
YUV	168.9190, 39.9729, 12.3490
Hunter-Lab	61.2594, 29.9287, -49.2631

Details

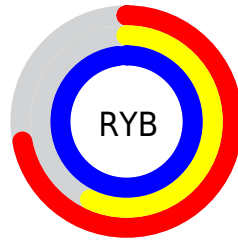
The XYZ color **47.0626, 37.5272, 95.2055** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.8154, 84.5935, 40.0022**, and the grayscale version is **37.4860, 39.4382, 42.9482**.

A 20% lighter version of the original color is **74.9799, 67.2293, 103.6324**, and **22.4702, 16.5467, 52.4616** is the 20% darker color. If you saturate the color by 10%, you get **40.0079, 28.7820, 93.8900**, and if you desaturate by 10%, it is **55.4011, 48.1863, 96.8241**.

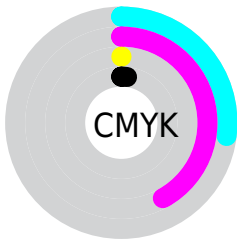
Distribution



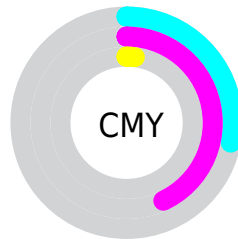
- Red (72%)
- Green (57%)
- Blue (98%)



- Red (72%)
- Yellow (57%)
- Blue (98%)



- Cyan (27%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0626, 37.5272, 95.2055 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 47.0626, 37.5272, 95.2055 by changing the saturation by 10% instead.

47.0626, 37.5272,
95.2055

47.0626, 37.5272,
95.2055

365.7091,
335.5874, 565.8238

33.2933, 25.6159,
71.7082

85.0252, 71.3829,
156.5465

22.5115, 16.5365,
52.4350

109.9493, 94.0961,
195.2273

14.3520, 9.9046,
36.9673

139.3223,
121.1787, 239.8063

8.4492, 5.3358,
24.8866

173.5096,
153.0152, 290.7021

4.4379, 2.4456,
15.7743

212.8766,
189.9899, 348.3332

1.9527, 0.8492,
9.2120

257.7886,

0.6072, 0.0000,

232.4873, 413.1181

4.7810

308.6110,
280.8916, 485.4755

■ 0.0000, 0.0000,
2.0629

■ 0.0000, 0.0000,
0.5935

■ 47.0626, 37.5272,
95.2055

■ 47.0626, 37.5272,
95.2055

■ 40.0079, 28.7820,
93.8900

■ 55.4011, 48.1863,
96.8241

■ 34.1624, 21.8279,
92.8558

■ 65.0835, 60.8632,
98.7607

■ 29.4500, 16.5339,
92.0823

■ 76.1713, 75.6593,
101.0322

■ 25.7828, 12.7487,
91.5450

■ 88.7205, 92.6677,
103.6537

■ 23.0570, 10.2912,
91.2143

■ 94.2554, 99.6822,
104.7159

■ 21.3698, 9.0232,
91.0585

Harmonies

Analogous

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



37.7064, 37.5272, 112.8663



47.0626, 37.5272, 95.2055



54.1033, 37.5272, 63.9565

Triad

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



47.0626, 37.5272, 95.2055



43.0165, 37.5272, 10.0981



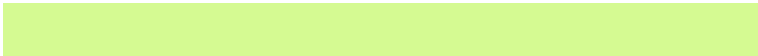
21.0476, 37.5272, 46.8614

Complementary

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



47.0626, 37.5272, 95.2055



66.8154, 84.5935, 40.0022

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.



21.9837, 37.5272, 24.1257



47.0626, 37.5272, 95.2055



33.7053, 37.5272, 8.6902

Square

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



47.0626, 37.5272, 95.2055



51.5053, 37.5272, 17.7943



26.2800, 37.5272, 12.5264



23.4645, 37.5272, 78.2872

Rectangle

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



47.0626, 37.5272, 95.2055



55.9681, 37.5272, 43.8703



26.2800, 37.5272, 12.5264



20.9877, 37.5272, 37.9921

Sweetspot

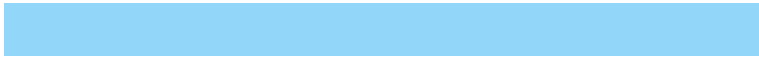
The Sweet Spot groups the original color and five complimentary colors.



47.0640, 37.5287, 95.2064



79.1690, 78.4576, 105.5789



53.0560, 60.9053, 99.4027



16.6042, 16.3349, 22.5278



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.



47.0640, 37.5287, 95.2064



42.9070, 31.3966, 98.4064



61.5984, 45.0214, 95.8866



16.8657, 16.9434, 21.7668



11.4767, 4.8591, 48.3066



1.1736, 0.5071, 4.4792

Inverse Universe

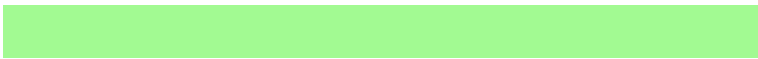
The Inverse Universe completely reimagines the original color for something new.



61.7145, 45.6872, 68.5176



60.4820, 41.2034, 65.5026



54.1942, 78.0870, 39.4115



17.7155, 17.4136, 20.3577



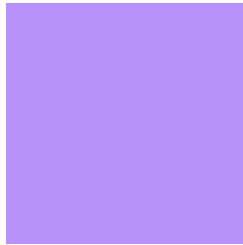
24.3979, 12.1749, 19.3357



2.3101, 1.1478, 2.0565

Previews

White Background



This preview shows how the XYZ color 47.0626, 37.5272, 95.2055 looks on a white background.

Color Contrast Check

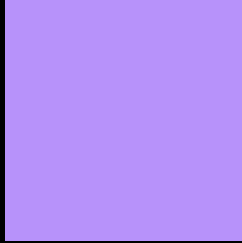
Large Text (above 18pt) WCAG AA × Fail

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 47.0626, 37.5272, 95.2055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

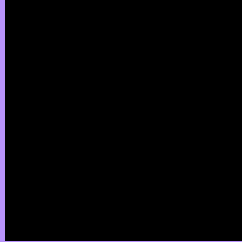
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0626, 37.5272, 95.2055

Background



This preview shows how black text looks on a background with the XYZ color 47.0626, 37.5272, 95.2055.



This preview shows how white text looks on a background with the XYZ color 47.0626, 37.5272,

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

47.0626, 37.5272, 95.2055

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.8121, 37.7939, 92.4381



Tritanopia

37.0204, 37.3708, 45.8195

Trichromacy



Original Color

47.0626, 37.5272, 95.2055

Protanomaly

42.1958, 37.3528, 97.9144

Deuteranomaly

41.0582, 37.1252, 92.9976

Tritanomaly

40.0047, 37.0399, 60.9180

Monochromacy



Original Color

47.0626, 37.5272, 95.2055

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.3935, 38.5656, 58.7410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0626, 37.5272, 95.2055 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(183, 146, 250)` looks like.

```
.text, #text, p{  
    color:rgb(183, 146, 250)  
}
```

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(183, 146, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 146, 250) }
```

Border

The CSS property to change the border of an element to XYZ 47.0626, 37.5272, 95.2055 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(183, 146, 250) }
```


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

```
.border{ border-color:rgb(183, 146, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 146, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 146, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 146, 250);  
box-shadow:4px 4px 4px 4px rgb(183, 146,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0626, 37.5272, 95.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 146, 250) }
```

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

```
.background{ background-color: rgb(183,  
146, 250) }
```

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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