

Converting Colors

XYZ(47.5310, 38.6886, 95.3236)

Have a look what the booklet for
XYZ(47.5310, 38.6886, 95.3236)
contains.

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Color

**XYZ(47.4531, 38.6599,
95.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	B696FA
RGB	182, 150, 250
RGB Percent	71%, 59%, 98%
CMY	0.2863, 0.4118, 0.0196
CMYK	0.27, 0.40, 0.00, 0.02
HSL	259°, 91%, 78%
HSV	259°, 40%, 98%
XYZ	47.4531, 38.6599, 95.4035
YIQ	170.9680, -13.0280, 37.8840

Conversions

Conversions Part 2

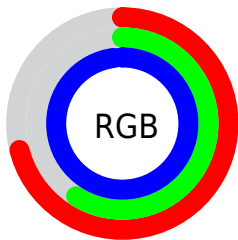
Format	Color
R_{YB}	182, 150, 250
Decimal	11966202
CIE _{Lab}	68.50, 32.41, -45.68
CIE _{LCh}	69, 56.014, 305.355
Yxy	38.6599, 0.2614, 0.2130
Android (android.graphics.Color)	4290156282 (0xFFB696FA)
YUV	170.9680, 38.9628, 9.6751
Hunter-Lab	62.1771, 27.4200, -47.4496

Details

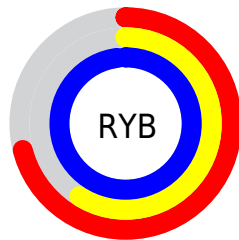
The XYZ color **47.4531, 38.6599, 95.4035** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.6048, 85.4793, 41.7388**, and the grayscale version is **38.5092, 40.5146, 44.1204**.

A 20% lighter version of the original color is **75.8165, 69.4079, 104.0088**, and **22.8399, 17.2860, 52.5848** is the 20% darker color. If you saturate the color by 10%, you get **40.1073, 29.5699, 94.0368**, and if you desaturate by 10%, it is **56.1401, 49.7060, 97.0784**.

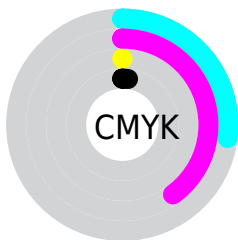
Distribution



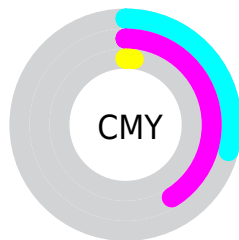
- Red (71%)
- Green (59%)
- Blue (98%)



- Red (71%)
- Yellow (59%)
- Blue (98%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4531, 38.6599, 95.4035 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 47.4531, 38.6599, 95.4035 by changing the saturation by 10% instead.

47.4531, 38.6599,
95.4035

47.4531, 38.6599,
95.4035

367.2390,
340.4424, 566.4732

33.6034, 26.4953,
71.8721

85.6042, 73.1185,
156.8223

22.7506, 17.1945,
52.5680

110.6363, 96.1812,
195.5468

14.5291, 10.3733,
37.0727

140.1267,
123.6454, 240.1728

8.5737, 5.6471,
24.9675

174.4406,
155.8955, 291.1187

4.5191, 2.6317,
15.8341

213.9434,
193.3158, 348.8032

1.9998, 0.9426,
9.2537

259.0006,

0.6338, 0.0000,

236.2908, 413.6447

4.8080

309.9773,
285.2048, 486.0619

■ 0.0000, 0.0000,
2.0783

■ 0.0000, 0.0000,
0.6028

■ 47.4531, 38.6599,
95.4035

■ 47.4531, 38.6599,
95.4035

■ 40.1073, 29.5699,
94.0368

■ 56.1401, 49.7060,
97.0784

■ 34.0263, 22.3134,
92.9567

■ 66.2303, 62.8117,
99.0763

■ 29.1324, 16.7603,
92.1427

■ 77.7868, 78.0786,
101.4140

■ 25.3361, 12.7613,
91.5709

■ 90.8675, 95.6001,
104.1066

■ 22.5334, 10.1392,
91.2125

■ 94.2554, 99.6822,
104.7159

■ 20.5641, 8.6079,
91.0208

■ 20.5639, 8.6078,
91.0208

Harmonies

Analogous

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



38.3500, 38.6599, 111.2953



47.4531, 38.6599, 95.4035



54.4071, 38.6599, 65.7579

Triad

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



47.4531, 38.6599, 95.4035



44.2770, 38.6599, 11.5903



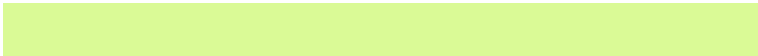
22.3192, 38.6599, 46.7897

Complementary

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



47.4531, 38.6599, 95.4035



68.6048, 85.4793, 41.7388

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.



23.3904, 38.6599, 24.9213



47.4531, 38.6599, 95.4035



35.1855, 38.6599, 9.8980

Square

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



47.4531, 38.6599, 95.4035



52.3775, 38.6599, 19.7873



27.7828, 38.6599, 13.6157



24.5808, 38.6599, 76.9001

Rectangle

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



47.4531, 38.6599, 95.4035



56.3637, 38.6599, 46.1492



27.7828, 38.6599, 13.6157



22.3061, 38.6599, 38.2837

Sweetspot

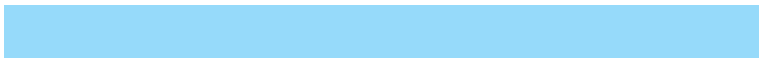
The Sweet Spot groups the original color and five complimentary colors.



47.4545, 38.6614, 95.4044



78.8081, 78.2716, 105.5620



54.9921, 63.7032, 99.8407



16.5196, 16.2913, 22.5238



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.



47.4545, 38.6614, 95.4044



43.3455, 32.6303, 98.6215



61.3333, 45.8162, 96.0539



16.8059, 16.9126, 21.7640



11.0396, 4.6338, 48.2861



1.1278, 0.4835, 4.4771

Inverse Universe

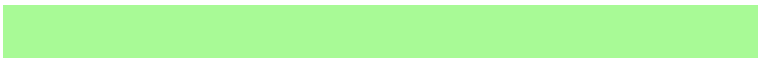
The Inverse Universe completely reimagines the original color for something new.



62.9865, 47.1999, 72.1208



61.9457, 42.8749, 69.8619



55.9112, 78.9356, 41.1448



17.7429, 17.4245, 20.5017



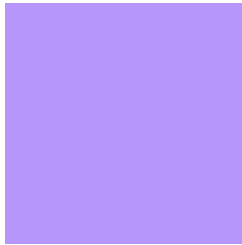
24.8289, 12.3473, 21.6053



2.3479, 1.1629, 2.2553

Previews

White Background



This preview shows how the XYZ color 47.4531, 38.6599, 95.4035 looks on a white background.

Color Contrast Check

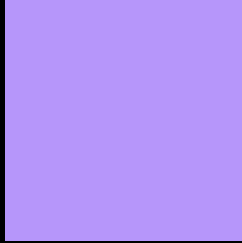
Large Text (above 18pt) WCAG AA × Fail

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 47.4531, 38.6599, 95.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

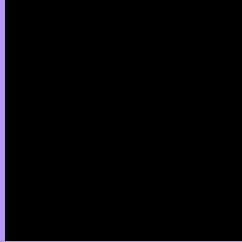
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4531, 38.6599, 95.4035

Background



This preview shows how black text looks on a background with the XYZ color 47.4531, 38.6599, 95.4035.



This preview shows how white text looks on a background with the XYZ color 47.4531, 38.6599,

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

47.4531, 38.6599, 95.4035

Protanopia

41.3171, 38.9218, 99.9428

Deuteranopia

40.0976, 38.9744, 93.4051



Tritanopia

37.6395, 38.4495, 47.5572

Trichromacy



Original Color

47.4531, 38.6599, 95.4035

Protanomaly

43.0767, 38.5635, 98.1016

Deuteranomaly

42.2766, 38.4982, 94.0096

Tritanomaly

40.7035, 38.3855, 62.3906

Monochromacy



Original Color

47.4531, 38.6599, 95.4035

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.2017, 39.4785, 60.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4531, 38.6599, 95.4035 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(182, 150, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 150, 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(182, 150, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 150, 250) }
```

Border

The CSS property to change the border of an element to XYZ 47.4531, 38.6599, 95.4035 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(182, 150, 250) }
```


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

```
.border{ border-color:rgb(182, 150, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 150, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 150, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 150, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 150,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4531, 38.6599, 95.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 150, 250) }
```

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

```
.background{ background-color: rgb(182,  
150, 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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