

Converting Colors

XYZ(52.1527, 47.9575, 96.1305)

Have a look what the booklet for
XYZ(52.1527, 47.9575, 96.1305)
contains.

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Color

**XYZ(52.1527, 47.9575,
96.1305)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B0F9
RGB	183, 176, 249
RGB Percent	72%, 69%, 98%
CMY	0.2823, 0.3098, 0.0235
CMYK	0.27, 0.29, 0.00, 0.02
HSL	246°, 86%, 83%
HSV	246°, 29%, 98%
XYZ	52.1527, 47.9575, 96.1305
YIQ	186.4150, -19.2610, 24.1870

Conversions

Conversions Part 2

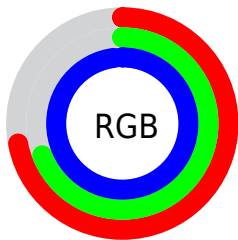
Format	Color
R _Y B	183, 176, 249
Decimal	12038393
CIE Lab	74.80, 17.97, -35.32
CIE LCh	75, 39.625, 296.965
Yxy	47.9575, 0.2658, 0.2444
Android (android.graphics.Color)	4290228473 (0xFFB7B0F9)
YUV	186.4150, 30.8544, -2.9950
Hunter-Lab	69.2514, 13.2372, -33.8268

Details

The XYZ color **52.1527, 47.9575, 96.1305** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78.3312, 89.7642, 54.2739**, and the grayscale version is **46.7462, 49.1806, 53.5577**.

A 20% lighter version of the original color is **82.8418, 83.4585, 106.3506**, and **25.6242, 22.8103, 52.9215** is the 20% darker color. If you saturate the color by 10%, you get **42.7779, 36.5305, 94.4198**, and if you desaturate by 10%, it is **63.2826, 61.6206, 98.1820**.

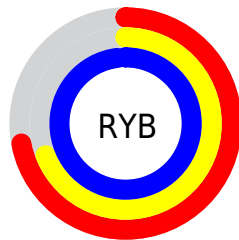
Distribution



Red (72%)

Green (69%)

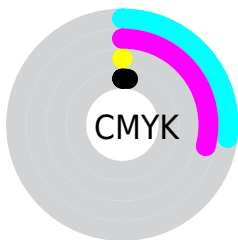
Blue (98%)



Red (72%)

Yellow (69%)

Blue (98%)

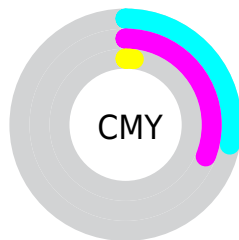


Cyan (27%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1527, 47.9575, 96.1305 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 52.1527, 47.9575, 96.1305 by changing the saturation by 10% instead.

■ 52.1527, 47.9575,
96.1305

■ 52.1527, 47.9575,
96.1305

385.3401,
378.6236, 568.8544

■ 37.3516, 33.7932,
72.4742

■ 92.5293, 87.1411,
157.8345

■ 25.6547, 22.7348,
53.0569

118.8355,
112.9293, 196.7193

■ 16.6968, 14.3978,
37.4602

149.7074,
143.3608, 241.5172

■ 10.1125, 8.3979,
25.2654

185.5103,
178.8202, 292.6470

■ 5.5365, 4.3506,
16.0541

226.6097,
219.6918, 350.5270

■ 2.6033, 1.8715,
9.4077

273.3709,

■ 0.9476, 0.5312,

266.3599, 415.5759

4.9076

326.1593,
319.2091, 488.2122

■ 0.0000, 0.0000,
2.1354

■ 0.0000, 0.0000,
0.6367

■ 52.1527, 47.9575,
96.1305

■ 52.1527, 47.9575,
96.1305

■ 42.7779, 36.5305,
94.4198

■ 63.2826, 61.6206,
98.1820

■ 35.0636, 27.2148,
93.0283

■ 76.2459, 77.6243,
100.5877

■ 28.9139, 19.8825,
91.9371

■ 91.1222, 96.0731,
103.3647

■ 24.2209, 14.3890,
91.1241

■ 94.0990, 99.6196,
103.8923

■ 20.8627, 10.5700,
90.5640

■ 18.6975, 8.2321,
90.2268

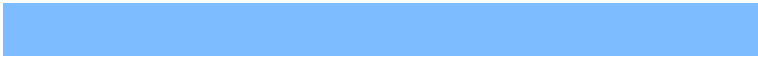
■ 17.5288, 7.0886,
90.0677

■ 17.4728, 7.0323,
90.0598

Harmonies

Analogous

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



44.8530, 47.9575, 102.6646



52.1527, 47.9575, 96.1305



58.2020, 47.9575, 76.9536

Triad

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



52.1527, 47.9575, 96.1305



53.5542, 47.9575, 25.5313



33.1072, 47.9575, 50.1460

Complementary

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



52.1527, 47.9575, 96.1305



78.3312, 89.7642, 54.2739

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.



34.9327, 47.9575, 33.4470



52.1527, 47.9575, 96.1305



46.3192, 47.9575, 21.7869

Square

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



52.1527, 47.9575, 96.1305



59.0691, 47.9575, 36.2227



39.5881, 47.9575, 24.2502



34.3223, 47.9575, 72.3395

Rectangle

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



52.1527, 47.9575, 96.1305



60.4446, 47.9575, 61.6813



39.5881, 47.9575, 24.2502



33.3806, 47.9575, 43.7750

Sweetspot

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



52.1543, 47.9594, 96.1316



80.9347, 82.4963, 106.2654



67.0304, 80.1222, 101.5556



16.8683, 17.0945, 22.6605



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.



52.1543, 47.9594, 96.1316



49.1651, 43.4357, 100.4004



61.7139, 52.8875, 96.5790



16.4374, 16.7226, 21.7467



9.4040, 3.7906, 48.2096



0.9212, 0.3770, 4.4674

Inverse Universe

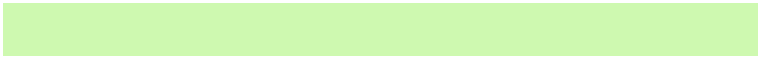
The Inverse Universe completely reimagines the original color for something new.



70.6205, 57.6029, 91.4017



71.5333, 55.1226, 94.4142



67.2830, 84.0686, 53.7568



17.9171, 17.4942, 21.4190



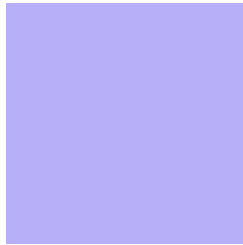
28.2250, 13.7057, 39.4890



2.6344, 1.2775, 3.7640

Previews

White Background



This preview shows how the XYZ color 52.1527, 47.9575, 96.1305 looks on a white background.

Color Contrast Check

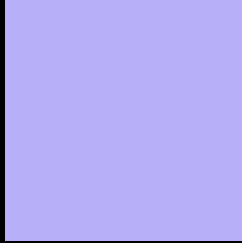
Large Text (above 18pt) WCAG AA × Fail

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 52.1527, 47.9575, 96.1305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

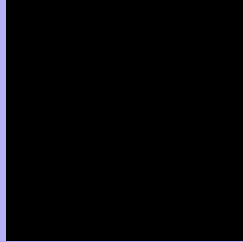
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1527, 47.9575, 96.1305

Background



This preview shows how black text looks on a background with the XYZ color 52.1527, 47.9575, 96.1305.

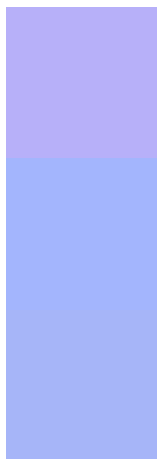


This preview shows how white text looks on a background with the XYZ color 52.1527, 47.9575,

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

52.1527, 47.9575, 96.1305

Protanopia

49.3578, 47.9261, 99.5777

Deuteranopia

49.1930, 47.9320, 95.4660



Tritanopia

45.0079, 47.7523, 61.4885

Trichromacy



Original Color

52.1527, 47.9575, 96.1305

Protanomaly

50.2684, 47.8145, 98.6752

Deuteranomaly

50.0766, 47.7882, 95.3917

Tritanomaly

47.5143, 47.8650, 73.0643

Monochromacy



Original Color

52.1527, 47.9575, 96.1305

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.2442, 48.3736, 67.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1527, 47.9575, 96.1305 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, 176, 249)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 249)  
}
```

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, 176, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 249) }
```

Border

The CSS property to change the border of an element to XYZ 52.1527, 47.9575, 96.1305 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, 176, 249) }
```


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

```
.border{ border-color:rgb(183, 176, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 249);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1527, 47.9575, 96.1305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 249) }
```

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

```
.background{ background-color: rgb(183,  
176, 249) }
```

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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