

Converting Colors

XYZ(52.9755, 48.1952,
100.1807)

Have a look what the booklet for
XYZ(52.9755, 48.1952, 100.1807)
contains.

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Color

**XYZ(52.9432, 48.2737,
100.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B0FE
RGB	183, 176, 254
RGB Percent	72%, 69%, 100%
CMY	0.2823, 0.3098, 0.0039
CMYK	0.28, 0.31, 0.00, 0.00
HSL	245°, 98%, 84%
HSV	245°, 31%, 100%
XYZ	52.9432, 48.2737, 100.2933
YIQ	186.9850, -20.8660, 25.7420

Conversions

Conversions Part 2

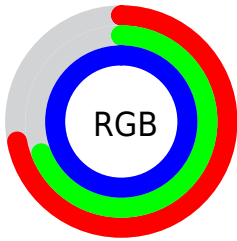
Format	Color
R_{YB}	183, 176, 254
Decimal	12038398
CIE _{Lab}	75.00, 19.17, -37.70
CIE _{LCh}	75, 42.296, 296.947
Yxy	48.2737, 0.2627, 0.2396
Android (android.graphics.Color)	4290228478 (0xFFB7B0FE)
YUV	186.9850, 33.0384, -3.4948
Hunter-Lab	69.4793, 14.4282, -36.9496

Details

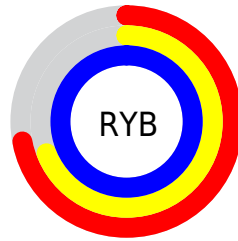
The XYZ color **52.9432, 48.2737, 100.2933** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.6371, 93.7934, 54.8773**, and the grayscale version is **47.0551, 49.5056, 53.9116**.

A 20% lighter version of the original color is **82.8418, 83.4585, 106.3506**, and **26.1878, 23.0357, 55.8894** is the 20% darker color. If you saturate the color by 10%, you get **43.3663, 36.6231, 98.5501**, and if you desaturate by 10%, it is **64.3585, 62.2571, 102.3916**.

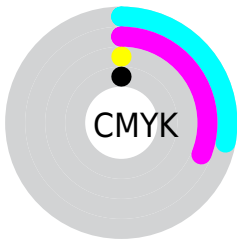
Distribution



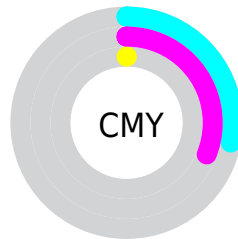
- Red (72%)
- Green (69%)
- Blue (100%)



- Red (72%)
- Yellow (69%)
- Blue (100%)



- Cyan (28%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9432, 48.2737, 100.2933 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 52.9432, 48.2737, 100.2933 by changing the saturation by 10% instead.

■ 52.9432, 48.2737,
100.2933

■ 52.9432, 48.2737,
100.2933

388.3316,
379.8760, 582.3873

■ 37.9847, 34.0437,
75.9273

■ 93.6868, 87.6118,
163.6156

■ 26.1480, 22.9272,
55.8666

120.2026,
113.4886, 203.4089

■ 17.0676, 14.5397,
39.6927

151.3016,
144.0165, 249.1817

■ 10.3783, 8.4970,
26.9870

187.3492,
179.5799, 301.3526

■ 5.7147, 4.4146,
17.3311

228.7106,
220.5632, 360.3400

■ 2.7114, 1.9081,
10.3064

275.7512,

■ 1.0030, 0.5532,

267.3507, 426.5626

5.4943

328.8364,
320.3268, 500.4389

■ 0.0000, 0.0000,
2.4764

■ 0.0000, 0.0000,
0.8276

■ 52.9432, 48.2737,
100.2933

■ 52.9432, 48.2737,
100.2933

■ 43.3663, 36.6231,
98.5501

■ 64.3585, 62.2571,
102.3916

■ 35.5266, 27.1729,
97.1392

■ 77.6962, 78.6850,
104.8595

■ 29.3208, 19.7859,
96.0405

■ 93.0413, 97.6684,
107.7149

■ 24.6327, 14.3073,
95.2301

■ 94.8896, 99.9358,
108.0551

■ 21.3303, 10.5602,
94.6809

■ 19.2588, 8.3345,
94.3605

■ 18.2382, 7.3356,
94.2214

Harmonies

Analogous

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



45.0966, 48.2737, 107.4652



52.9432, 48.2737, 100.2933



59.4823, 48.2737, 79.3242

Triad

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



52.9432, 48.2737, 100.2933



54.4641, 48.2737, 24.3759



32.5992, 48.2737, 50.3299

Complementary

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



52.9432, 48.2737, 100.2933



81.6371, 93.7934, 54.8773

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.



34.5321, 48.2737, 32.6180



52.9432, 48.2737, 100.2933



46.6779, 48.2737, 20.5142

Square

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



52.9432, 48.2737, 100.2933



60.4272, 48.2737, 35.5554



39.4796, 48.2737, 23.0443



33.8821, 48.2737, 74.2752

Rectangle

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



52.9432, 48.2737, 100.2933



61.9147, 48.2737, 62.7597



39.4796, 48.2737, 23.0443



32.8887, 48.2737, 43.5333

Sweetspot

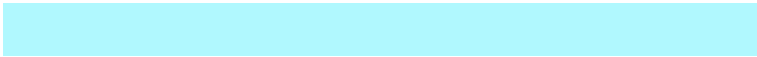
The Sweet Spot groups the original color and five complimentary colors.



52.9449, 48.2756, 100.2944



80.8884, 82.4724, 106.2632



69.2091, 83.2149, 106.1812



16.8570, 17.0887, 22.6599



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.



52.9449, 48.2756, 100.2944



47.1212, 41.0356, 100.0448



63.3875, 53.6590, 100.7831



17.1541, 17.4557, 22.7151



9.6656, 3.8933, 49.6766



0.9899, 0.4042, 4.8391

Inverse Universe

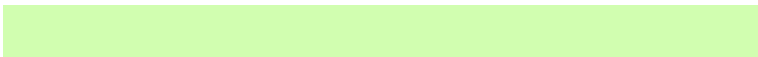
The Inverse Universe completely reimagines the original color for something new.



73.1881, 58.8386, 95.4961



70.6402, 53.3141, 94.1854



69.4329, 87.5019, 54.3062



18.7182, 18.2706, 22.3993



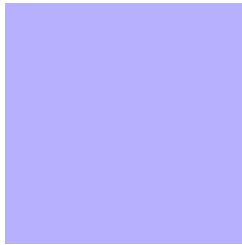
29.1972, 14.1682, 41.2843



2.8626, 1.3874, 4.1237

Previews

White Background



This preview shows how the XYZ color 52.9432, 48.2737, 100.2933 looks on a white background.

Color Contrast Check

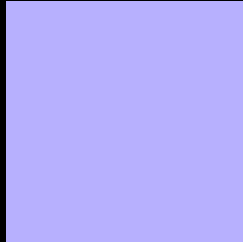
Large Text (above 18pt) WCAG AA × Fail

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 52.9432, 48.2737, 100.2933 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 52.9432, 48.2737, 100.2933

Background



This preview shows how black text looks on a background with the XYZ color 52.9432, 48.2737, 100.2933.



This preview shows how white text looks on a background with the XYZ color 52.9432, 48.2737,

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

52.9432, 48.2737, 100.2933

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.5618, 48.3343, 99.6458



Tritanopia

45.1148, 48.1055, 62.1658

Trichromacy



Original Color

52.9432, 48.2737, 100.2933

Protanomaly

50.9488, 48.4086, 101.2662

Deuteranomaly

50.6284, 48.2804, 99.5792

Tritanomaly

47.5507, 47.8533, 74.4406

Monochromacy



Original Color

52.9432, 48.2737, 100.2933

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9411, 49.0092, 68.5083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9432, 48.2737, 100.2933 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 254) }
```

Border

The CSS property to change the border of an element to XYZ 52.9432, 48.2737, 100.2933 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, 254) }
```


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

```
.border{ border-color:rgb(183, 176, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 254);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9432, 48.2737, 100.2933 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, 254) }
```

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

```
.background{ background-color: rgb(183,  
176, 254) }
```

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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