

Converting Colors

XYZ(52.6542, 48.7312, 96.6833)

Have a look what the booklet for
XYZ(52.6542, 48.7312, 96.6833)
contains.

| | |
|--|----|
| XYZ(52.7042, 48.8102, 97.0860) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(52.7042, 48.8102,
97.0860)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B7B2FA |
| RGB | 183, 178, 250 |
| RGB Percent | 72%, 70%, 98% |
| CMY | 0.2823, 0.3019, 0.0196 |
| CMYK | 0.27, 0.29, 0.00, 0.02 |
| HSL | 244°, 88%, 84% |
| HSV | 244°, 29%, 98% |
| XYZ | 52.7042, 48.8102, 97.0860 |
| YIQ | 187.7030, -20.1320, 23.4520 |

Conversions

Conversions Part 2

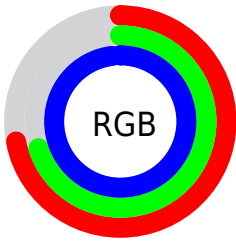
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 183, 178, 250 |
| Decimal | 12038906 |
| CIE _{Lab} | 75.33, 17.10, -35.03 |
| CIE _{LCh} | 75, 38.979, 296.020 |
| Yxy | 48.8102, 0.2654, 0.2458 |
| Android (android.graphics.Color) | 4290228986 (0xFFB7B2FA) |
| YUV | 187.7030, 30.7124, -4.1245 |
| Hunter-Lab | 69.8643, 12.3942, -33.4866 |

Details

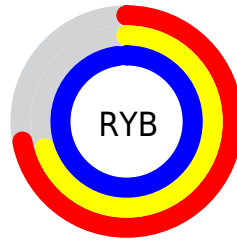
The XYZ color **52.7042, 48.8102, 97.0860** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8788, 90.9991, 55.4759**, and the grayscale version is **47.4725, 49.9448, 54.3899**.

A 20% lighter version of the original color is **83.4080, 84.5909, 106.5393**, and **25.8613, 23.1067, 53.5491** is the 20% darker color. If you saturate the color by 10%, you get **43.0924, 37.1326, 95.3394**, and if you desaturate by 10%, it is **64.1402, 62.7760, 99.1798**.

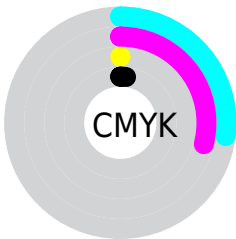
Distribution



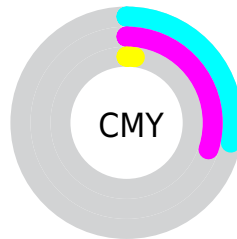
- Red (72%)
- Green (70%)
- Blue (98%)



- Red (72%)
- Yellow (70%)
- Blue (98%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7042, 48.8102, 97.0860 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 52.7042, 48.8102, 97.0860 by changing the saturation by 10% instead.

■ 52.7042, 48.8102,
97.0860

■ 52.7042, 48.8102,
97.0860

387.4287,
381.9946, 571.9758

■ 37.7932, 34.4689,
73.2659

■ 93.3371, 88.4095,
159.1636

■ 25.9987, 23.2541,
53.7003

119.7896,
114.4363, 198.2583

■ 16.9554, 14.7812,
37.9706

150.8201,
145.1271, 243.2815

■ 10.2978, 8.6660,
25.6582

186.7939,
180.8663, 294.6519

■ 5.6606, 4.5240,
16.3446

228.0763,
222.0382, 352.7880

■ 2.6785, 1.9708,
9.6114

275.0326,

■ 0.9861, 0.5904,

269.0274, 418.1083

5.0398

328.0283,
322.2180, 491.0314

■ 0.0000, 0.0000,
2.2115

■ 0.0000, 0.0000,
0.6810

■ 52.7042, 48.8102,
97.0860

■ 52.7042, 48.8102,
97.0860

■ 43.0924, 37.1326,
95.3394

■ 64.1402, 62.7760,
99.1798

■ 35.2058, 27.6156,
93.9181

■ 77.4829, 79.1367,
101.6345

■ 28.9433, 20.1281,
92.8030

■ 92.8156, 97.9995,
104.4672

■ 24.1914, 14.5225,
91.9714

■ 94.2555, 99.6822,
104.7161

■ 20.8218, 10.6308,
91.3979

■ 18.6847, 8.2555,
91.0520

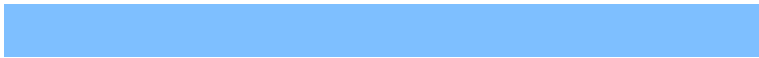
■ 17.5797, 7.1177,
90.8906

■ 17.4932, 7.0247,
90.8773

Harmonies

Analogous

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



45.4426, 48.8102, 103.0391



52.7042, 48.8102, 97.0860



58.7836, 48.8102, 78.3963

Triad

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



52.7042, 48.8102, 97.0860



54.5287, 48.8102, 26.6774



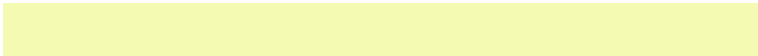
33.9586, 48.8102, 50.4534

Complementary

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



52.7042, 48.8102, 97.0860



79.8788, 90.9991, 55.4759

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.



35.8780, 48.8102, 33.9991



52.7042, 48.8102, 97.0860



47.3558, 48.8102, 22.6970

Square

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



52.7042, 48.8102, 97.0860



59.9108, 48.8102, 37.6450



40.6062, 48.8102, 24.9843



35.0782, 48.8102, 72.4070

Rectangle

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



52.7042, 48.8102, 97.0860



61.0908, 48.8102, 63.2621



40.6062, 48.8102, 24.9843



34.2641, 48.8102, 44.1703

Sweetspot

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



52.7058, 48.8121, 97.0871



80.7355, 82.3936, 106.2561



68.3297, 81.7942, 102.6298



16.8197, 17.0695, 22.6582



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.



52.7058, 48.8121, 97.0871



48.6426, 43.1664, 100.3759



62.3305, 53.7738, 97.5376



16.3946, 16.7006, 21.7447



9.3203, 3.7475, 48.2057



0.9009, 0.3665, 4.4664

Inverse Universe

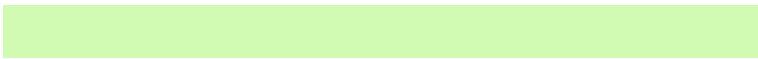
The Inverse Universe completely reimagines the original color for something new.



71.8275, 58.7591, 93.9431



71.8988, 55.2688, 96.3393



68.5740, 85.1712, 54.9469



17.9380, 17.5025, 21.5290



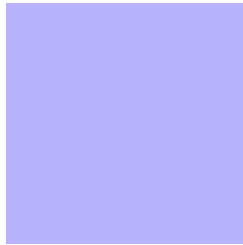
28.7085, 13.8991, 42.0347



2.6741, 1.2934, 3.9731

Previews

White Background



This preview shows how the XYZ color 52.7042, 48.8102, 97.0860 looks on a white background.

Color Contrast Check

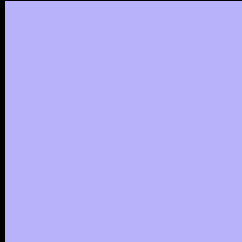
Large Text (above 18pt) WCAG AA × Fail

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 52.7042, 48.8102, 97.0860 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 52.7042, 48.8102, 97.0860

Background



This preview shows how black text looks on a background with the XYZ color 52.7042, 48.8102, 97.0860.



This preview shows how white text looks on a background with the XYZ color 52.7042, 48.8102,

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

52.7042, 48.8102, 97.0860

Protanopia

50.3399, 49.0221, 100.5749

Deuteranopia

50.1808, 49.0314, 96.4417



Tritanopia

45.8866, 48.8036, 62.8787

Trichromacy



Original Color

52.7042, 48.8102, 97.0860

Protanomaly

51.2668, 48.9103, 99.6671

Deuteranomaly

50.8563, 48.7715, 96.3560

Tritanomaly

48.0581, 48.7426, 73.8932

Monochromacy



Original Color

52.7042, 48.8102, 97.0860

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.1481, 49.4232, 68.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7042, 48.8102, 97.0860 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, 178, 250)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 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, 178, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 250) }
```

Border

The CSS property to change the border of an element to XYZ 52.7042, 48.8102, 97.0860 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, 178, 250) }
```


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

```
.border{ border-color:rgb(183, 178, 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, 178, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 178, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 178, 250);  
box-shadow:4px 4px 4px 4px rgb(183, 178,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7042, 48.8102, 97.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 250) }
```

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

```
.background{ background-color: rgb(183,  
178, 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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