

Converting Colors

XYZ(37.1251, 26.0002, 52.9310)

Have a look what the booklet for
XYZ(37.1251, 26.0002, 52.9310)
contains.

XYZ(37.1251, 26.0002, 52.9310)	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(37.1251, 26.0002,
52.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	C26CC0
RGB	194, 108, 192
RGB Percent	76%, 42%, 75%
CMY	0.2392, 0.5765, 0.2471
CMYK	0.00, 0.44, 0.01, 0.24
HSL	301°, 41%, 59%
HSV	301°, 44%, 76%
XYZ	37.1251, 26.0002, 52.9310
YIQ	143.2900, 24.2920, 44.3560

Conversions

Conversions Part 2

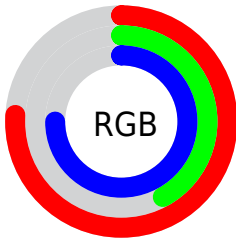
Format	Color
RYB	194, 108, 192
Decimal	12741824
CIELab	58.04, 46.37, -29.61
CIELCh	58, 55.014, 327.440
Yxy	26.0002, 0.3199, 0.2240
Android (android.graphics.Color)	4290931904 (0xFFC26CC0)
YUV	143.2900, 24.0140, 44.4727
Hunter-Lab	50.9904, 40.7292, -25.8532

Details

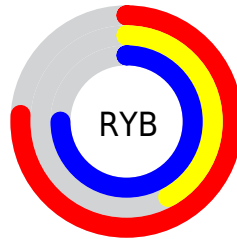
The XYZ color **37.1251, 26.0002, 52.9310** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.2917, 42.8984, 21.5424**, and the grayscale version is **26.1253, 27.4858, 29.9321**.

A 20% lighter version of the original color is **70.1641, 53.3757, 96.2270**, and **16.4829, 10.0666, 25.1191** is the 20% darker color. If you saturate the color by 10%, you get **35.2525, 22.3344, 52.0607**, and if you desaturate by 10%, it is **39.4548, 30.5788, 53.9549**.

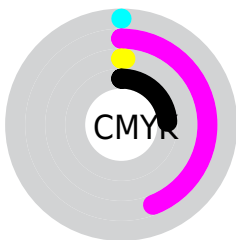
Distribution



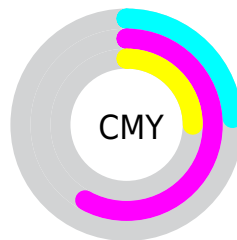
- Red (76%)
- Green (42%)
- Blue (75%)



- Red (76%)
- Yellow (42%)
- Blue (75%)



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1251, 26.0002, 52.9310 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 37.1251, 26.0002, 52.9310 by changing the saturation by 10% instead.

37.1251, 26.0002,
52.9310

37.1251, 26.0002,
52.9310

325.1980,
282.7831, 415.0791

25.4785, 16.8238,
37.3603

70.0777, 53.2753,
95.9433

16.5645, 10.1089,
25.1886

92.1145, 72.1427,
124.2221

10.0179, 5.4712,
15.9974

118.3453, 95.0093,
157.5740

5.4732, 2.5263,
9.3679

149.1355,
122.2594, 196.4175

2.5651, 0.8898,
4.8819

184.8505,
154.2775, 241.1713

0.9282, 0.0000,
2.1206

225.8557,

0.0000, 0.0000,

191.4478, 292.2538

0.6280

272.5164,
234.1549, 350.0835

■ 0.0000, 0.0000,
0.0000

■ 37.1251, 26.0002,
52.9310

■ 37.1251, 26.0002,
52.9310

■ 35.2525, 22.3344,
52.0607

■ 39.4548, 30.5788,
53.9549

■ 33.8039, 19.5168,
51.3322

■ 42.2667, 36.1222,
55.1401

■ 32.7458, 17.4800,
50.7347


■ 45.5872, 42.6826,
56.4956


■ 32.0386, 16.1449,
50.2549


■ 49.4400, 50.3074,
58.0292


■ 31.6345, 15.4154,
49.8768


■ 53.8475, 59.0412,
59.7485

 31.4868, 15.1648,
49.6899

 58.8305, 68.9258,
61.6604

 64.4090, 80.0011,
63.7716

 67.9280, 86.9573,
65.1970

 67.9794, 86.9779,
65.4673

Harmonies

Analogous

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



31.0822, 26.0002, 74.8035



37.1251, 26.0002, 52.9310



39.8053, 26.0002, 29.9764

Triad

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



37.1251, 26.0002, 52.9310



25.2877, 26.0002, 5.2277



15.0166, 26.0002, 48.7485

Complementary

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



37.1251, 26.0002, 52.9310



28.2917, 42.8984, 21.5424

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.



14.0172, 26.0002, 26.7061



37.1251, 26.0002, 52.9310



19.2784, 26.0002, 6.6661

Square

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



37.1251, 26.0002, 52.9310



32.2486, 26.0002, 7.3092



15.4299, 26.0002, 12.8267



18.4525, 26.0002, 71.7220

Rectangle

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



37.1251, 26.0002, 52.9310



39.0207, 26.0002, 18.6958



15.4299, 26.0002, 12.8267



14.4148, 26.0002, 40.7577

Sweetspot

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



37.1260, 26.0014, 52.9315



83.3257, 78.7812, 102.6498



21.4614, 17.9002, 53.3636



17.9276, 16.6197, 22.3504



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.



37.1260, 26.0014, 52.9315



64.0150, 40.7510, 94.3905



33.0819, 24.3837, 31.6357



10.4869, 10.2434, 12.6543



20.7059, 9.9721, 32.6927



0.8979, 0.4322, 1.4297

Inverse Universe

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



37.1260, 26.0014, 52.9315



64.0150, 40.7510, 94.3905



31.1802, 44.0539, 36.7533



10.4869, 10.2434, 12.6543



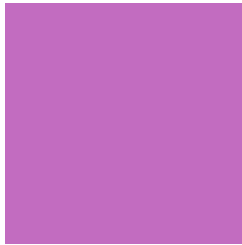
20.7059, 9.9721, 32.6927



0.8979, 0.4322, 1.4297

Previews

White Background



This preview shows how the XYZ color 37.1251, 26.0002, 52.9310 looks on a white background.

Color Contrast Check

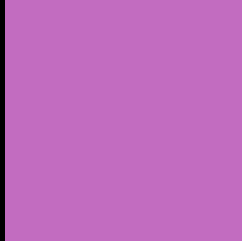
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1251, 26.0002, 52.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

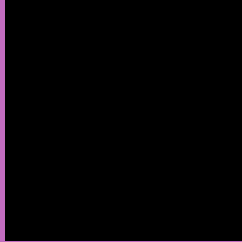
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1251, 26.0002, 52.9310

Background



This preview shows how black text looks on a background with the XYZ color 37.1251, 26.0002, 52.9310.

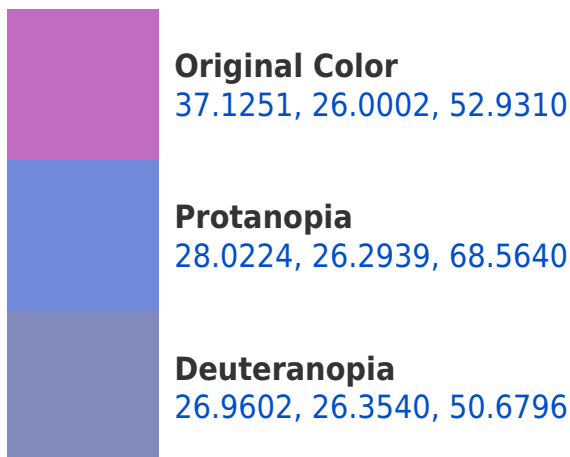


This preview shows how white text looks on a background with the XYZ color 37.1251, 26.0002,

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





Tritanopia

31.3060, 25.9969, 24.8406

Trichromacy



Original Color

37.1251, 26.0002, 52.9310



Protanomaly

29.8787, 25.1775, 62.3164



Deuteranomaly

29.7236, 25.5283, 51.5050



Tritanomaly

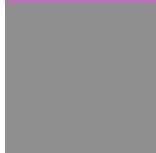
33.0973, 25.8413, 33.3804

Monochromacy



Original Color

37.1251, 26.0002, 52.9310



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

29.3159, 26.2199, 37.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1251, 26.0002, 52.9310 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(194, 108, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 108, 192)  
}
```

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(194, 108, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 108, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.1251, 26.0002, 52.9310 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(194, 108, 192) }
```


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

```
.border{ border-color:rgb(194, 108, 192) }
```

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

Here you see how a box with a 4 pixel rgb(194, 108, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 108, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 108, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 108,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1251, 26.0002, 52.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 108, 192) }
```

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

```
.background{ background-color: rgb(194,  
108, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor