

Converting Colors

XYZ(37.2832, 29.6911, 62.5490)

Have a look what the booklet for
XYZ(37.2832, 29.6911, 62.5490)
contains.

XYZ(37.3766, 29.8174, 62.8169)	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(37.3766, 29.8174,
62.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	B182CF
RGB	177, 130, 207
RGB Percent	69%, 51%, 81%
CMY	0.3059, 0.4902, 0.1882
CMYK	0.14, 0.37, 0.00, 0.19
HSL	277°, 45%, 66%
HSV	277°, 37%, 81%
XYZ	37.3766, 29.8174, 62.8169
YIQ	152.8310, 3.2950, 33.9110

Conversions

Conversions Part 2

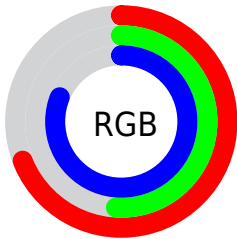
Format	Color
RYB	177, 130, 207
Decimal	11633359
CIELab	61.50, 32.28, -32.88
CIELCh	61, 46.078, 314.473
Yxy	29.8174, 0.2875, 0.2293
Android (android.graphics.Color)	4289823439 (0xFFB182CF)
YUV	152.8310, 26.7053, 21.1962
Hunter-Lab	54.6053, 26.6216, -29.9824

Details

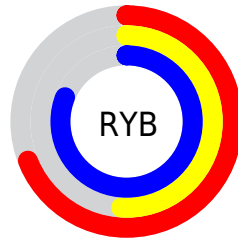
The XYZ color **37.3766, 29.8174, 62.8169** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **40.8403, 53.7117, 29.3353**, and the grayscale version is **30.0924, 31.6595, 34.4772**.

A 20% lighter version of the original color is **69.1222, 58.9934, 102.3515**, and **16.7045, 12.2153, 31.1831** is the 20% darker color. If you saturate the color by 10%, you get **33.1123, 23.9353, 61.9068**, and if you desaturate by 10%, it is **42.3053, 36.8657, 63.9181**.

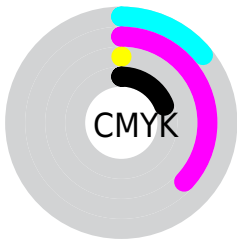
Distribution



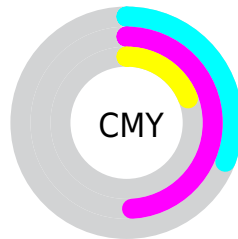
- Red (69%)
- Green (51%)
- Blue (81%)



- Red (69%)
- Yellow (51%)
- Blue (81%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3766, 29.8174, 62.8169 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 37.3766, 29.8174, 62.8169 by changing the saturation by 10% instead.

37.3766, 29.8174,
62.8169

37.3766, 29.8174,
62.8169

326.2654,
301.0524, 452.9943

25.6742, 19.7000,
45.2531

70.4617, 59.3733,
110.4883

16.7115, 12.1772,
31.3124

92.5751, 79.5806,
141.4330

10.1230, 6.8645,
20.5764

118.8896,
103.9200, 177.6750

5.5435, 3.3775,
12.6265

149.7705,
132.7759, 219.6329

2.6075, 1.3318,
7.0442

185.5832,
166.5327, 267.7253

0.9498, 0.1657,
3.4109

226.6930,

0.0000, 0.0000,

205.5748, 322.3706

1.3081

273.4653,
250.2865, 383.9874

■ 0.0000, 0.0000,
0.0684

■ 0.0000, 0.0000,
0.0000

■ 37.3766, 29.8174,
62.8169

■ 37.3766, 29.8174,
62.8169

■ 33.1123, 23.9353,
61.9068

■ 42.3053, 36.8657,
63.9181

■ 29.4742, 19.1478,
61.1744


■ 47.9279, 45.1385,
65.2185


■ 26.4244, 15.3812,
60.6081


■ 54.2754, 54.6948,
66.7285


■ 23.9189, 12.5507,
60.1939


■ 61.3762, 65.5886,
68.4570


 21.9069, 10.5574,
59.9152


 69.2569, 77.8706,
70.4123


 20.3200, 9.2678,
59.7499

 77.9429, 91.5890,
72.6024

 19.9186, 8.9674,
59.7131

 80.7762, 93.4256,
72.8076

 83.4766, 94.8178,
72.9340

 86.2990, 96.2727,
73.0661

Harmonies

Analogous

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



31.3738, 29.8174, 77.0580



37.3766, 29.8174, 62.8169



41.2092, 29.8174, 42.3135

Triad

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



37.3766, 29.8174, 62.8169



31.5976, 29.8174, 9.6655



18.4337, 29.8174, 41.6047

Complementary

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



37.3766, 29.8174, 62.8169



40.8403, 53.7117, 29.3353

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.



18.4757, 29.8174, 24.2789



37.3766, 29.8174, 62.8169



25.5093, 29.8174, 9.5943

Square

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



37.3766, 29.8174, 62.8169



37.5605, 29.8174, 14.1621



20.8926, 29.8174, 13.9120



20.7682, 29.8174, 62.1403

Rectangle

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



37.3766, 29.8174, 62.8169



41.7148, 29.8174, 29.9166



20.8926, 29.8174, 13.9120



18.1823, 29.8174, 35.1565

Sweetspot

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



37.3776, 29.8186, 62.8176



82.8384, 81.3767, 105.9490



33.1795, 34.6719, 63.9756



17.4308, 16.9659, 22.6060



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.



37.3776, 29.8186, 62.8176



54.1263, 39.7939, 99.4360



44.0593, 33.3693, 58.3351



11.8463, 11.7696, 14.8910



12.6583, 5.7059, 37.6267



0.7953, 0.3642, 2.1079

Inverse Universe

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



40.0609, 31.7699, 37.2797



59.4072, 43.5903, 51.1583



36.0855, 51.1986, 31.9128



11.9967, 11.8834, 13.2584



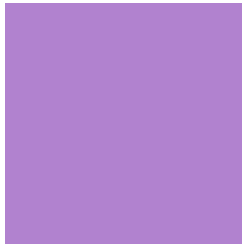
17.1832, 8.7461, 5.8708



0.9992, 0.5044, 0.5308

Previews

White Background



This preview shows how the XYZ color 37.3766, 29.8174, 62.8169 looks on a white background.

Color Contrast Check

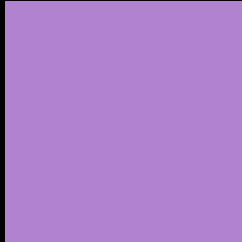
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3766, 29.8174, 62.8169 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 37.3766, 29.8174, 62.8169

Background



This preview shows how black text looks on a background with the XYZ color 37.3766, 29.8174, 62.8169.



This preview shows how white text looks on a background with the XYZ color 37.3766, 29.8174,

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

37.3766, 29.8174, 62.8169

Protanopia

31.5093, 30.0102, 71.8420

Deuteranopia

30.8485, 30.1326, 61.3170



Tritanopia

31.3408, 29.6416, 33.7753

Trichromacy



Original Color

37.3766, 29.8174, 62.8169

Protanomaly

32.9715, 29.5021, 68.2467

Deuteranomaly

32.7571, 29.7534, 61.7741

Tritanomaly

33.1866, 29.5278, 42.9800

Monochromacy



Original Color

37.3766, 29.8174, 62.8169

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.5685, 30.9493, 43.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3766, 29.8174, 62.8169 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(177, 130, 207)` looks like.

```
.text, #text, p{  
    color:rgb(177, 130, 207)  
}
```

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(177, 130, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 130, 207) }
```

Border

The CSS property to change the border of an element to XYZ 37.3766, 29.8174, 62.8169 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(177, 130, 207) }
```


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

```
.border{ border-color:rgb(177, 130, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 130, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 130, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 130, 207);  
box-shadow:4px 4px 4px 4px rgb(177, 130,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3766, 29.8174, 62.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 130, 207) }
```

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

```
.background{ background-color: rgb(177,  
130, 207) }
```

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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