

Converting Colors

XYZ(32.7866, 27.3254, 37.9362)

Have a look what the booklet for
XYZ(32.7866, 27.3254, 37.9362)
contains.

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Color

**XYZ(32.7014, 27.3711,
37.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	B37FA2
RGB	179, 127, 162
RGB Percent	70%, 50%, 64%
CMY	0.2980, 0.5019, 0.3647
CMYK	0.00, 0.29, 0.09, 0.30
HSL	320°, 25%, 60%
HSV	320°, 29%, 70%
XYZ	32.7014, 27.3711, 37.7420
YIQ	146.5380, 19.7570, 21.9090

Conversions

Conversions Part 2

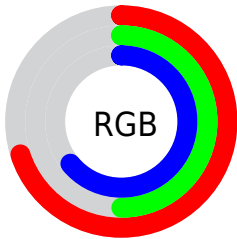
Format	Color
RYB	179, 127, 162
Decimal	11763618
CIELab	59.32, 25.72, -10.64
CIElCh	59, 27.832, 337.532
Yxy	27.3711, 0.3343, 0.2798
Android (android.graphics.Color)	4289953698 (0xFFB37FA2)
YUV	146.5380, 7.6228, 28.4692
Hunter-Lab	52.3174, 20.0174, -6.1499

Details

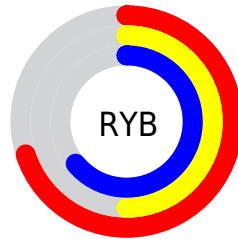
The XYZ color **32.7014, 27.3711, 37.7420** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.9077, 38.7667, 32.2938**, and the grayscale version is **27.5072, 28.9397, 31.5153**.

A 20% lighter version of the original color is **63.1066, 55.3144, 72.9963**, and **13.9258, 10.7935, 16.1012** is the 20% darker color. If you saturate the color by 10%, you get **30.0837, 22.9487, 34.3624**, and if you desaturate by 10%, it is **35.7556, 32.6271, 41.3872**.

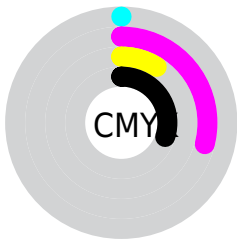
Distribution



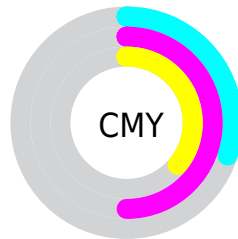
- Red (70%)
- Green (50%)
- Blue (64%)



- Red (70%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7014, 27.3711, 37.7420 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 32.7014, 27.3711, 37.7420 by changing the saturation by 10% instead.


 32.7014, 27.3711,
37.7420


 32.7014, 27.3711,
37.7420


305.9909,
289.4495, 351.7769

 22.0559, 17.8521,
25.4822


 63.2669, 55.4788,
72.9115

 14.0148, 10.8439,
16.2144


 83.9176, 74.8363,
96.6584

 8.2128, 5.9619,
9.5200


 108.6341, 98.2421,
125.0714

 4.2843, 2.8220,
4.9805

137.7817,
126.0806, 158.5690

 1.8642, 1.0395,
2.1773

171.7259,
158.7362, 197.5698

 0.5559, 0.0000,
0.6612

210.8319,

 0.0000, 0.0000,

196.5933, 242.4924

0.0000

255.4651,
240.0362, 293.7552

■ 32.7014, 27.3711,
37.7420

■ 32.7014, 27.3711,
37.7420

■ 30.0837, 22.9487,
34.3624

■ 35.7556, 32.6271,
41.3872

■ 27.8781, 19.3125,
31.2376

■ 39.2644, 38.7533,
45.3048

■ 26.0612, 16.4162,
28.3587

■ 43.2477, 45.7888,
49.5030

■ 24.6065, 14.2069,
25.7151

■ 47.7236, 53.7691,
53.9896

■ 23.4836, 12.6248,
23.2949

■ 52.7090, 62.7278,
58.7716

■ 22.6572, 11.5996,
21.0846

■ 58.2201, 72.6968,
63.8559

■ 22.0624, 11.0021,
19.0609

■ 64.2725, 83.7066,
69.2491

■ 22.0098, 10.9515,
18.8753

■ 65.8370, 85.6984,
73.2763

■ 66.5743, 85.9933,
77.1590

Harmonies

Analogous

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



30.3083, 27.3711, 47.7279



32.7014, 27.3711, 37.7420



33.2285, 27.3711, 27.3605

Triad

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



32.7014, 27.3711, 37.7420



25.1481, 27.3711, 14.5558



21.0619, 27.3711, 43.0672

Complementary

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



32.7014, 27.3711, 37.7420



29.9077, 38.7667, 32.2938

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.



19.9299, 27.3711, 32.3856



32.7014, 27.3711, 37.7420



22.1483, 27.3711, 17.0427

Square

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



32.7014, 27.3711, 37.7420



28.6572, 27.3711, 15.3700



20.3091, 27.3711, 23.0626



23.5412, 27.3711, 51.2495

Rectangle

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



32.7014, 27.3711, 37.7420



32.4112, 27.3711, 21.7931



20.3091, 27.3711, 23.0626



20.5217, 27.3711, 39.5670

Sweetspot

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



32.7022, 27.3723, 37.7426



70.2513, 69.2833, 81.0633



27.1359, 24.3162, 45.9116



15.3521, 14.9776, 17.7286



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7022, 27.3723, 37.7426



55.4141, 43.6753, 63.5816



30.6628, 26.5566, 27.0030



8.7295, 8.5985, 10.0740



15.5839, 7.7511, 13.5006



0.5158, 0.2541, 0.5589

Inverse Universe

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



32.7022, 27.3723, 37.7426



55.4141, 43.6753, 63.5816



32.0788, 39.6351, 43.7266



8.7295, 8.5985, 10.0740



15.5839, 7.7511, 13.5006



0.5158, 0.2541, 0.5589

Previews

White Background



This preview shows how the XYZ color 32.7014, 27.3711, 37.7420 looks on a white background.

Color Contrast Check

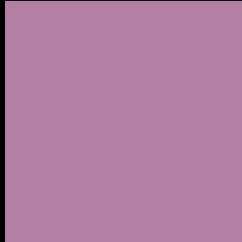
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7014, 27.3711, 37.7420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

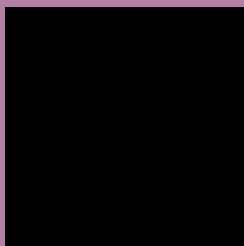
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7014, 27.3711, 37.7420

Background



This preview shows how black text looks on a background with the XYZ color 32.7014, 27.3711, 37.7420.



This preview shows how white text looks on a background with the XYZ color 32.7014, 27.3711,

37.7420.

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

32.7014, 27.3711, 37.7420

Protanopia

27.4359, 27.6429, 42.9193

Deuteranopia

27.9722, 27.3929, 37.0708



Tritanopia

30.8285, 27.3858, 28.8604

Trichromacy



Original Color

32.7014, 27.3711, 37.7420

Protanomaly

28.9624, 27.3939, 40.8068

Deuteranomaly

29.5942, 27.3747, 37.4423

Tritanomaly

31.5389, 27.4823, 32.0761

Monochromacy



Original Color

32.7014, 27.3711, 37.7420

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3437, 28.3941, 33.6398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7014, 27.3711, 37.7420 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(179, 127, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 162)  
}
```

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(179, 127, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.7014, 27.3711, 37.7420 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(179, 127, 162) }
```


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

```
.border{ border-color:rgb(179, 127, 162) }
```

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

Here you see how a box with a 4 pixel rgb(179, 127, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7014, 27.3711, 37.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 162) }
```

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

```
.background{ background-color: rgb(179,  
127, 162) }
```

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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