

Converting Colors

XYZ(32.7543, 27.0253, 42.6421)

Have a look what the booklet for
XYZ(32.7543, 27.0253, 42.6421)
contains.

XYZ(32.8117, 27.1304, 42.5370)	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(32.8117, 27.1304,
42.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	B07EAC
RGB	176, 126, 172
RGB Percent	69%, 49%, 67%
CMY	0.3098, 0.5059, 0.3255
CMYK	0.00, 0.28, 0.02, 0.31
HSL	305°, 24%, 59%
HSV	305°, 28%, 69%
XYZ	32.8117, 27.1304, 42.5370
YIQ	146.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

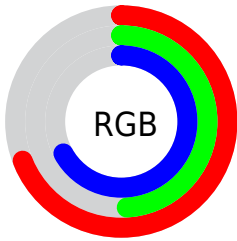
Format	Color
R _Y B	176, 126, 172
Decimal	11566764
CIE _{Lab}	59.09, 27.07, -16.73
CIE _{LCh}	59, 31.822, 328.277
Y _{xy}	27.1304, 0.3202, 0.2647
Android (android.graphics.Color)	4289756844 (0xFFB07EAC)
YUV	146.1940, 12.7224, 26.1399
Hunter-Lab	52.0869, 21.2927, -11.9587

Details

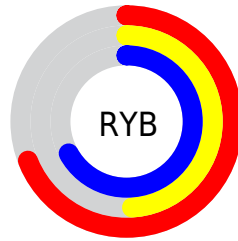
The XYZ color **32.8117, 27.1304, 42.5370** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.1599, 37.0988, 26.7972**, and the grayscale version is **27.3470, 28.7712, 31.3318**.

A 20% lighter version of the original color is **63.2639, 54.9421, 79.9436**, and **14.1430, 10.7359, 19.0961** is the 20% darker color. If you saturate the color by 10%, you get **30.6219, 22.9656, 41.1436**, and if you desaturate by 10%, it is **35.4006, 32.0901, 44.0711**.

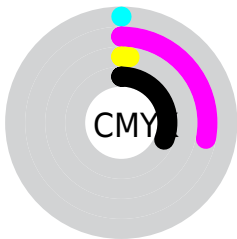
Distribution



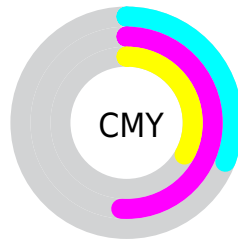
- Red (69%)
- Green (49%)
- Blue (67%)



- Red (69%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8117, 27.1304, 42.5370 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 32.8117, 27.1304, 42.5370 by changing the saturation by 10% instead.

■ 32.8117, 27.1304,
42.5370

■ 32.8117, 27.1304,
42.5370

306.4804,
288.2879, 372.5693

■ 22.1408, 17.6712,
29.1933

■ 63.4381, 55.0930,
80.2906

■ 14.0776, 10.7142,
18.9803

■ 84.1243, 74.3653,
105.5375

■ 8.2567, 5.8750,
11.4793

■ 108.8796, 97.6773,
135.5892

■ 4.3128, 2.7692,
6.2720

138.0693,
125.4135, 170.8644

■ 1.8806, 1.0125,
2.9397

172.0590,
157.9582, 211.7814

■ 0.5655, 0.0000,
1.0639

211.2138,

■ 0.0000, 0.0000,

195.6960, 258.7589

0.0000

255.8991,
239.0111, 312.2153

■ 32.8117, 27.1304,
42.5370

■ 32.8117, 27.1304,
42.5370

■ 30.6219, 22.9656,
41.1436

■ 35.4006, 32.0901,
44.0711

■ 28.8078, 19.5504,
39.8822

■ 38.4052, 37.8794,
45.7505

■ 27.3477, 16.8410,
38.7458

■ 41.8444, 44.5356,
47.5820

■ 26.2165, 14.7870,
37.7261

■ 45.7351, 52.0925,
49.5710

■ 25.3858, 13.3318,
36.8135

■ 50.0933, 60.5821,
51.7231

■ 24.8224, 12.4090,
35.9970

■ 54.9343, 70.0348,
54.0433

■ 24.4695, 11.9048,
35.2576

■ 60.2725, 80.4798,
56.5364

■ 24.4191, 11.8360,
35.1424

■ 62.2396, 84.1802,
57.9130

■ 62.3872, 84.2392,
58.6904

Harmonies

Analogous

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



29.5599, 27.1304, 53.1736



32.8117, 27.1304, 42.5370



34.1599, 27.1304, 30.2002

Triad

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



32.8117, 27.1304, 42.5370



26.0160, 27.1304, 12.6797



19.6520, 27.1304, 41.1067

Complementary

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



32.8117, 27.1304, 42.5370



28.1599, 37.0988, 26.7972

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.



18.9073, 27.1304, 28.8902



32.8117, 27.1304, 42.5370



22.3490, 27.1304, 14.2109

Square

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



32.8117, 27.1304, 42.5370



29.9959, 27.1304, 14.6168



19.8435, 27.1304, 19.5039



21.9908, 27.1304, 52.2103

Rectangle

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



32.8117, 27.1304, 42.5370



33.7034, 27.1304, 23.2227



19.8435, 27.1304, 19.5039



19.2182, 27.1304, 36.9111

Sweetspot

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



32.8125, 27.1316, 42.5376



69.2177, 67.8583, 82.7376



24.4026, 22.7510, 44.1799



14.8238, 14.3647, 17.8335



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.8125, 27.1316, 42.5376



56.9693, 44.3668, 75.5549



30.6852, 26.2807, 31.3354



8.8201, 8.6348, 10.5511



17.9267, 8.6882, 25.8375



0.5726, 0.2768, 0.8582

Inverse Universe

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



32.8125, 27.1316, 42.5376



56.9693, 44.3668, 75.5549



29.9910, 37.8312, 36.4401



8.8201, 8.6348, 10.5511



17.9267, 8.6882, 25.8375



0.5726, 0.2768, 0.8582

Previews

White Background



This preview shows how the XYZ color 32.8117, 27.1304, 42.5370 looks on a white background.

Color Contrast Check

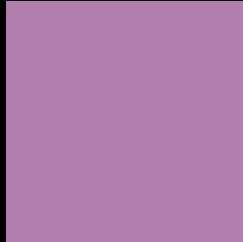
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8117, 27.1304, 42.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

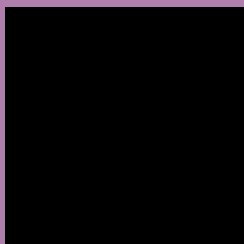
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8117, 27.1304, 42.5370

Background



This preview shows how black text looks on a background with the XYZ color 32.8117, 27.1304, 42.5370.



This preview shows how white text looks on a background with the XYZ color 32.8117, 27.1304,

42.5370.

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

32.8117, 27.1304, 42.5370

Protanopia

27.5878, 27.3742, 48.6295

Deuteranopia

27.8160, 27.2072, 41.8157



Tritanopia

30.1470, 27.2262, 29.2574

Trichromacy



Original Color

32.8117, 27.1304, 42.5370

Protanomaly

29.1536, 27.1589, 46.3535

Deuteranomaly

29.3934, 26.9590, 42.1825

Tritanomaly

30.9660, 27.1494, 33.7453

Monochromacy



Original Color

32.8117, 27.1304, 42.5370

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0536, 27.9999, 34.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8117, 27.1304, 42.5370 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(176, 126, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 126, 172)  
}
```

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(176, 126, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 126, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.8117, 27.1304, 42.5370 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(176, 126, 172) }
```


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

```
.border{ border-color:rgb(176, 126, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 126, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 126, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 126, 172); box-shadow:4px 4px 4px 4px rgb(176, 126, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8117, 27.1304, 42.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 126, 172) }
```

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

```
.background{ background-color: rgb(176,  
126, 172) }
```

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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