

Converting Colors

XYZ(32.0776, 26.7286, 37.6429)

Have a look what the booklet for
XYZ(32.0776, 26.7286, 37.6429)
contains.

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Color

**XYZ(31.9867, 26.6230,
37.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	B17DA2
RGB	177, 125, 162
RGB Percent	69%, 49%, 64%
CMY	0.3059, 0.5098, 0.3647
CMYK	0.00, 0.29, 0.08, 0.31
HSL	317°, 25%, 59%
HSV	317°, 29%, 69%
XYZ	31.9867, 26.6230, 37.6353
YIQ	144.7660, 19.1150, 22.5310

Conversions

Conversions Part 2

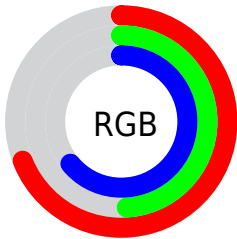
Format	Color
RYB	177, 125, 162
Decimal	11632034
CIELab	58.62, 26.13, -11.70
CIELCh	59, 28.632, 335.886
Yxy	26.6230, 0.3323, 0.2766
Android (android.graphics.Color)	4289822114 (0xFFB17DA2)
YUV	144.7660, 8.4964, 28.2692
Hunter-Lab	51.5975, 20.3615, -7.1280

Details

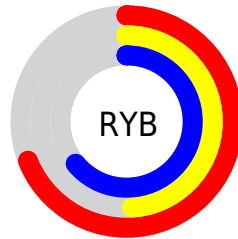
The XYZ color **31.9867, 26.6230, 37.6353** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.9144, 37.6985, 30.5652**, and the grayscale version is **26.7806, 28.1753, 30.6829**.

A 20% lighter version of the original color is **62.0491, 54.1742, 72.8320**, and **13.6427, 10.4430, 16.0485** is the 20% darker color. If you saturate the color by 10%, you get **29.4980, 22.3569, 34.6117**, and if you desaturate by 10%, it is **34.8948, 31.6975, 40.8902**.

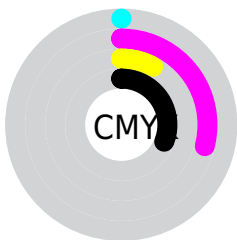
Distribution



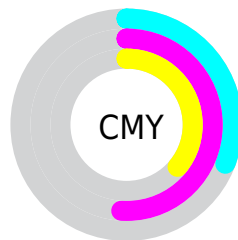
- Red (69%)
- Green (49%)
- Blue (64%)



- Red (69%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (31%)




- Cyan (31%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9867, 26.6230, 37.6353 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 31.9867, 26.6230, 37.6353 by changing the saturation by 10% instead.


 31.9867, 26.6230,
37.6353

 31.9867, 26.6230,
37.6353


302.8050,
285.8271, 351.3041


 21.5068, 17.2903,
25.4001


 62.1556, 54.2783,
72.7460

 13.6096, 10.4417,
16.1537


 82.5753, 73.3697,
96.4586

 7.9295, 5.6928,
9.4774


 107.0390, 96.4828,
124.8341

 4.1013, 2.6592,
4.9528

135.9121,
124.0019, 158.2911

 1.7596, 0.9565,
2.1614

169.5599,
156.3115, 197.2480

 0.4931, 0.0000,
0.6519

208.3477,

 0.0000, 0.0000,

193.7960, 242.1235

0.0000

252.6410,
236.8397, 293.3360

■ 31.9867, 26.6230,
37.6353

■ 31.9867, 26.6230,
37.6353

■ 29.4980, 22.3569,
34.6117

■ 34.8948, 31.6975,
40.8902

■ 27.4047, 18.8530,
31.8096

■ 38.2396, 37.6161,
44.3823

■ 25.6844, 16.0662,
29.2206

■ 42.0406, 44.4167,
48.1196

■ 24.3111, 13.9449,
26.8349

■ 46.3151, 52.1340,
52.1087

■ 23.2553, 12.4307,
24.6417

■ 51.0798, 60.8007,
56.3562

■ 22.4827, 11.4549,
22.6283

■ 56.3502, 70.4479,
60.8684

■ 21.9262, 10.8842,
20.7711

■ 62.1415, 81.1052,
65.6511

■ 21.8937, 10.8520,
20.6588

■ 64.6533, 85.1719,
69.4386

■ 65.2715, 85.4191,
72.6938

Harmonies

Analogous

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



29.4756, 26.6230, 47.6640



31.9867, 26.6230, 37.6353



32.6389, 26.6230, 27.0484

Triad

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



31.9867, 26.6230, 37.6353



24.6178, 26.6230, 13.6843



20.2150, 26.6230, 41.8759

Complementary

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



31.9867, 26.6230, 37.6353



28.9144, 37.6985, 30.5652

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.



19.1602, 26.6230, 31.0180



31.9867, 26.6230, 37.6353



21.5465, 26.6230, 15.9657

Square

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



31.9867, 26.6230, 37.6353



28.1668, 26.6230, 14.6691



19.6242, 26.6230, 21.7783



22.6428, 26.6230, 50.4824

Rectangle

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



31.9867, 26.6230, 37.6353



31.8836, 26.6230, 21.3333



19.6242, 26.6230, 21.7783



19.6988, 26.6230, 38.2842

Sweetspot

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



31.9875, 26.6242, 37.6359



68.6277, 67.6223, 79.6307



26.0410, 23.3953, 44.7387



14.6765, 14.3058, 17.0581



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.



31.9875, 26.6242, 37.6359



54.4285, 42.7629, 63.9868



29.9290, 25.8008, 26.7960



8.7434, 8.6041, 10.1474



15.8898, 7.8735, 15.1114



0.5237, 0.2572, 0.6005

Inverse Universe

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



31.9875, 26.6242, 37.6359



54.4285, 42.7629, 63.9868



31.0390, 38.5484, 41.7537



8.7434, 8.6041, 10.1474



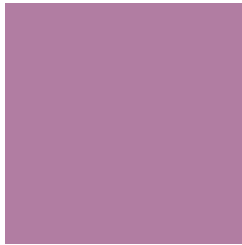
15.8898, 7.8735, 15.1114



0.5237, 0.2572, 0.6005

Previews

White Background



This preview shows how the XYZ color 31.9867, 26.6230, 37.6353 looks on a white background.

Color Contrast Check

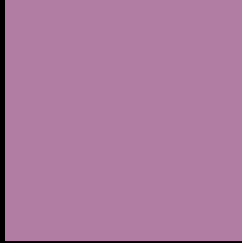
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9867, 26.6230, 37.6353 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 31.9867, 26.6230, 37.6353

Background



This preview shows how black text looks on a background with the XYZ color 31.9867, 26.6230, 37.6353.



This preview shows how white text looks on a background with the XYZ color 31.9867, 26.6230,

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

31.9867, 26.6230, 37.6353

Protanopia

26.6560, 26.8031, 42.7983

Deuteranopia

27.2877, 26.8260, 36.9974



Tritanopia

29.9660, 26.5633, 27.9739

Trichromacy



Original Color

31.9867, 26.6230, 37.6353

Protanomaly

28.3095, 26.6391, 40.6956

Deuteranomaly

28.7252, 26.5164, 37.3224

Tritanomaly

30.6648, 26.6589, 31.1332

Monochromacy



Original Color

31.9867, 26.6230, 37.6353

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5790, 27.5794, 33.0952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9867, 26.6230, 37.6353 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, 125, 162)` looks like.

```
.text, #text, p{  
    color:rgb(177, 125, 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(177, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 125, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.9867, 26.6230, 37.6353 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, 125, 162) }
```


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

```
.border{ border-color:rgb(177, 125, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 125, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(177, 125,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9867, 26.6230, 37.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 125, 162) }
```

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

```
.background{ background-color: rgb(177,  
125, 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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