

Converting Colors

XYZ(31.5620, 25.9584, 37.3521)

Have a look what the booklet for
XYZ(31.5620, 25.9584, 37.3521)
contains.

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Color

**XYZ(31.7360, 26.1217,
37.5517)**

Conversions

Conversions Part 1

Format	Color
Hex	B17BA2
RGB	177, 123, 162
RGB Percent	69%, 48%, 64%
CMY	0.3059, 0.5176, 0.3647
CMYK	0.00, 0.31, 0.08, 0.31
HSL	317°, 26%, 59%
HSV	317°, 31%, 69%
XYZ	31.7360, 26.1217, 37.5517
YIQ	143.5920, 19.6650, 23.5770

Conversions

Conversions Part 2

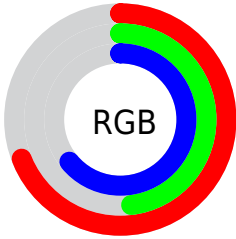
Format	Color
RYB	177, 123, 162
Decimal	11631522
CIELab	58.15, 27.25, -12.41
CIELCh	58, 29.945, 335.524
Yxy	26.1217, 0.3326, 0.2738
Android (android.graphics.Color)	4289821602 (0xFFB17BA2)
YUV	143.5920, 9.0751, 29.2988
Hunter-Lab	51.1094, 21.3968, -7.7857

Details

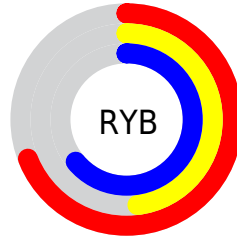
The XYZ color **31.7360, 26.1217, 37.5517** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.4791, 37.4910, 29.7819**, and the grayscale version is **26.3052, 27.6751, 30.1382**.

A 20% lighter version of the original color is **61.6540, 53.3841, 72.7003**, and **13.3654, 10.1018, 15.9973** is the 20% darker color. If you saturate the color by 10%, you get **29.3072, 21.9496, 34.6278**, and if you desaturate by 10%, it is **34.5804, 31.0969, 40.6991**.

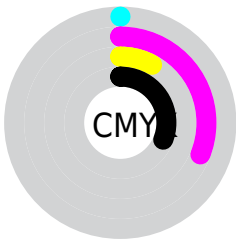
Distribution



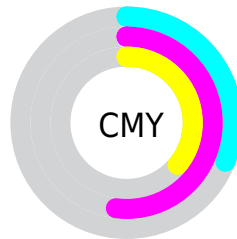
- Red (69%)
- Green (48%)
- Blue (64%)



- Red (69%)
- Yellow (48%)
- Blue (64%)



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





- Cyan (31%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7360, 26.1217, 37.5517 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 31.7360, 26.1217, 37.5517 by changing the saturation by 10% instead.


 31.7360, 26.1217,
37.5517


 31.7360, 26.1217,
37.5517


301.6816,
283.3790, 350.9333

 21.3145, 16.9147,
25.3358


 61.7650, 53.4712,
72.6163

 13.4679, 10.1737,
16.1061


 82.1032, 72.3825,
96.3020

 7.8307, 5.5143,
9.4441


 106.4776, 95.2974,
124.6482

 4.0377, 2.5521,
4.9312

135.2537,
122.6002, 158.0732

 1.7235, 0.9026,
2.1489

168.7968,
154.6754, 196.9957

 0.4709, 0.0000,
0.6447

207.4723,

 0.0000, 0.0000,

191.9073, 241.8342

0.0000

251.6454,
234.6804, 293.0072

■ 31.7360, 26.1217,
37.5517

■ 31.7360, 26.1217,
37.5517

■ 29.3072, 21.9496,
34.6278

■ 34.5804, 31.0969,
40.6991

■ 27.2701, 18.5343,
31.9175

■ 37.8581, 36.9114,
44.0758

■ 25.6019, 15.8300,
29.4127

■ 41.5886, 43.6034,
47.6897

■ 24.2762, 13.7844,
27.1034

■ 45.7893, 51.2076,
51.5475

■ 23.2634, 12.3384,
24.9789

■ 50.4769, 59.7571,
55.6555

■ 22.5281, 11.4217,
23.0263

■ 55.6671, 69.2830,
60.0199

■ 22.0168, 10.9012,
21.3073

■ 61.3750, 79.8153,
64.6466

■ 64.4739, 85.1001,
68.4943

■ 65.0631, 85.3358,
71.5967

Harmonies

Analogous

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



29.1073, 26.1217, 48.0051



31.7360, 26.1217, 37.5517



32.4416, 26.1217, 26.5613

Triad

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



31.7360, 26.1217, 37.5517



24.1622, 26.1217, 12.8269



19.5705, 26.1217, 41.7064

Complementary

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



31.7360, 26.1217, 37.5517



28.4791, 37.4910, 29.7819

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.



18.5096, 26.1217, 30.4096



31.7360, 26.1217, 37.5517



20.9899, 26.1217, 15.0803

Square

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



31.7360, 26.1217, 37.5517



27.8327, 26.1217, 13.8548



19.0029, 26.1217, 20.9395



22.0475, 26.1217, 50.7843

Rectangle

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



31.7360, 26.1217, 37.5517



31.6725, 26.1217, 20.6705



19.0029, 26.1217, 20.9395



19.0481, 26.1217, 37.9518

Sweetspot

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



31.7368, 26.1229, 37.5522



68.6576, 67.6342, 79.7880



25.4022, 22.6939, 44.6369



14.6840, 14.3088, 17.0973



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.



31.7368, 26.1229, 37.5522



53.6647, 41.3165, 63.4822



29.6309, 25.2805, 26.4630



8.7473, 8.6056, 10.1678



15.9785, 7.9089, 15.5785



0.5260, 0.2581, 0.6124

Inverse Universe

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



31.7368, 26.1229, 37.5522



53.6647, 41.3165, 63.4822



30.6285, 38.3507, 41.1006



8.7473, 8.6056, 10.1678



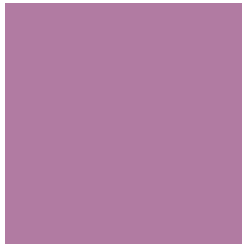
15.9785, 7.9089, 15.5785



0.5260, 0.2581, 0.6124

Previews

White Background



This preview shows how the XYZ color 31.7360, 26.1217, 37.5517 looks on a white background.

Color Contrast Check

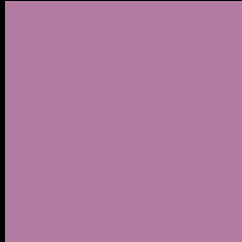
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7360, 26.1217, 37.5517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

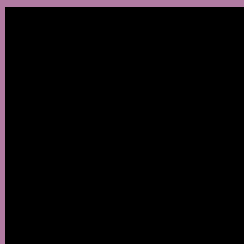
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7360, 26.1217, 37.5517

Background



This preview shows how black text looks on a background with the XYZ color 31.7360, 26.1217, 37.5517.



This preview shows how white text looks on a background with the XYZ color 31.7360, 26.1217,

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

31.7360, 26.1217, 37.5517

Protanopia

26.2912, 26.3879, 43.2428

Deuteranopia

26.8807, 26.4143, 36.4826



Tritanopia

29.6901, 26.2432, 27.1675

Trichromacy



Original Color

31.7360, 26.1217, 37.5517

Protanomaly

27.7617, 25.9355, 41.0790

Deuteranomaly

28.5011, 26.2087, 36.8143

Tritanomaly

30.3284, 26.1110, 30.6356

Monochromacy



Original Color

31.7360, 26.1217, 37.5517

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1004, 26.9106, 32.9914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7360, 26.1217, 37.5517 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, 123, 162)` looks like.

```
.text, #text, p{  
    color:rgb(177, 123, 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, 123, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 123, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.7360, 26.1217, 37.5517 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, 123, 162) }
```


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

```
.border{ border-color:rgb(177, 123, 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, 123, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 123, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 123, 162);  
box-shadow:4px 4px 4px 4px rgb(177, 123,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7360, 26.1217, 37.5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 123, 162) }
```

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

```
.background{ background-color: rgb(177,  
123, 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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