

Converting Colors

XYZ(31.8166, 27.9598, 35.7791)

Have a look what the booklet for
XYZ(31.8166, 27.9598, 35.7791)
contains.

XYZ(31.7926, 27.9355, 35.6147)	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(31.7926, 27.9355,
35.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	AE849D
RGB	174, 132, 157
RGB Percent	68%, 52%, 62%
CMY	0.3176, 0.4823, 0.3843
CMYK	0.00, 0.24, 0.10, 0.32
HSL	324°, 21%, 60%
HSV	324°, 24%, 68%
XYZ	31.7926, 27.9355, 35.6147
YIQ	147.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

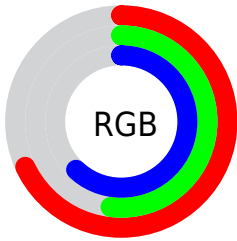
Format	Color
RYB	174, 132, 157
Decimal	11437213
CIELab	59.83, 20.23, -7.06
CIElCh	60, 21.424, 340.761
Yxy	27.9355, 0.3335, 0.2930
Android (android.graphics.Color)	4289627293 (0xFFAE849D)
YUV	147.4080, 4.7289, 23.3212
Hunter-Lab	52.8540, 14.8762, -2.9536

Details

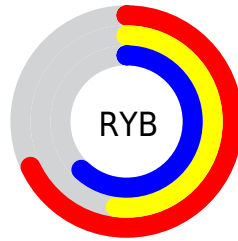
The XYZ color **31.7926, 27.9355, 35.6147** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0777, 37.3483, 34.0591**, and the grayscale version is **27.8788, 29.3307, 31.9411**.

A 20% lighter version of the original color is **61.8658, 56.2744, 69.8887**, and **13.5040, 11.1401, 15.0742** is the 20% darker color. If you saturate the color by 10%, you get **29.0430, 23.3707, 31.8164**, and if you desaturate by 10%, it is **34.9721, 33.3037, 39.7279**.

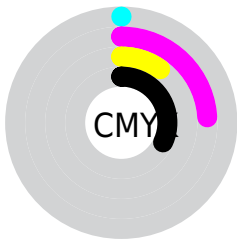
Distribution



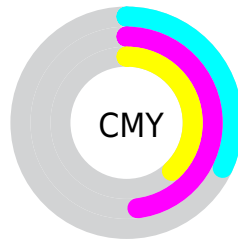
- Red (68%)
- Green (52%)
- Blue (62%)



- Red (68%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (32%)



- Cyan (32%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7926, 27.9355, 35.6147 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 31.7926, 27.9355, 35.6147 by changing the saturation by 10% instead.

■ 31.7926, 27.9355,
35.6147

■ 31.7926, 27.9355,
35.6147

301.9355,
292.1586, 342.2597

■ 21.3579, 18.2770,
23.8494

■ 61.8532, 56.3814,
69.5993

■ 13.4998, 11.1491,
15.0108

■ 82.2098, 75.9377,
92.6557

■ 7.8530, 6.1672,
8.6803

■ 106.6045, 99.5621,
120.3129

■ 4.0520, 2.9470,
4.4393

135.4025,
127.6389, 152.9894

■ 1.7316, 1.1041,
1.8693

168.9693,
160.5525, 191.1038

■ 0.4759, 0.0000,
0.4731

207.6701,

■ 0.0000, 0.0000,

198.6874, 235.0746

0.0000

251.8704,
242.4280, 285.3204

■ 31.7926, 27.9355,
35.6147

■ 31.7926, 27.9355,
35.6147

■ 29.0430, 23.3707,
31.8164

■ 34.9721, 33.3037,
39.7279

■ 26.7007, 19.5665,
28.3219

■ 38.5977, 39.5081,
44.1634

■ 24.7448, 16.4813,
25.1214

■ 42.6877, 46.5843,
48.9303

■ 23.1514, 14.0685,
22.2040

■ 47.2589, 54.5646,
54.0368

■ 21.8937, 12.2756,
19.5577

■ 52.3270, 63.4796,
59.4907

■ 20.9412, 11.0424,
17.1691

■ 57.9070, 73.3586,
65.2997

■ 20.2571, 10.2965,
15.0227

■ 64.0132, 84.2295,
71.4709

■ 19.9324, 9.9894,
13.8591

■ 65.2702, 85.3406,
76.2150

■ 66.1859, 85.7068,
81.0371

Harmonies

Analogous

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



30.1086, 27.9355, 43.2063



31.7926, 27.9355, 35.6147



32.0184, 27.9355, 27.7096

Triad

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



31.7926, 27.9355, 35.6147



25.5889, 27.9355, 17.9653



22.7904, 27.9355, 41.2613

Complementary

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



31.7926, 27.9355, 35.6147



30.0777, 37.3483, 34.0591

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.



21.7459, 27.9355, 33.2952



31.7926, 27.9355, 35.6147



23.2868, 27.9355, 20.4390

Square

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



31.7926, 27.9355, 35.6147



28.3096, 27.9355, 18.3710



21.9212, 27.9355, 25.7514



24.8684, 27.9355, 46.8312

Rectangle

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



31.7926, 27.9355, 35.6147



31.2957, 27.9355, 23.3924



21.9212, 27.9355, 25.7514



22.3134, 27.9355, 38.7235

Sweetspot

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



31.7934, 27.9368, 35.6153



67.9600, 68.1377, 77.6413



28.2503, 25.9307, 43.5609



15.0183, 14.9960, 17.1517



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.



31.7934, 27.9368, 35.6153



54.8926, 46.0441, 60.8270



30.1660, 27.2858, 27.0453



8.1977, 8.0923, 9.3521



14.4870, 7.2573, 10.2098



0.4292, 0.2124, 0.4218

Inverse Universe

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



31.7934, 27.9368, 35.6153



54.8926, 46.0441, 60.8270



31.8894, 38.0730, 43.5997



8.1977, 8.0923, 9.3521



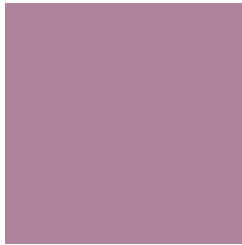
14.4870, 7.2573, 10.2098



0.4292, 0.2124, 0.4218

Previews

White Background



This preview shows how the XYZ color 31.7926, 27.9355, 35.6147 looks on a white background.

Color Contrast Check

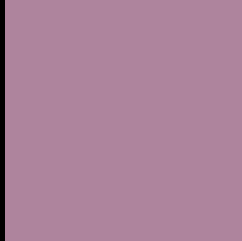
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7926, 27.9355, 35.6147 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 31.7926, 27.9355, 35.6147

Background



This preview shows how black text looks on a background with the XYZ color 31.7926, 27.9355, 35.6147.



This preview shows how white text looks on a background with the XYZ color 31.7926, 27.9355,

35.6147.

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

31.7926, 27.9355, 35.6147

Protanopia

27.5078, 27.9880, 39.0744

Deuteranopia

28.4313, 27.8950, 34.8961



Tritanopia

30.6492, 27.8652, 30.5512

Trichromacy



Original Color

31.7926, 27.9355, 35.6147

Protanomaly

28.8025, 27.8108, 37.5682

Deuteranomaly

29.6444, 27.8687, 35.2693

Tritanomaly

31.0459, 27.8292, 32.1690

Monochromacy



Original Color

31.7926, 27.9355, 35.6147

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.1635, 28.7485, 33.2901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7926, 27.9355, 35.6147 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(174, 132, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 157)  
}
```

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(174, 132, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.7926, 27.9355, 35.6147 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(174, 132, 157) }
```


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

```
.border{ border-color:rgb(174, 132, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7926, 27.9355, 35.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 157) }
```

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

```
.background{ background-color: rgb(174,  
132, 157) }
```

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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