

Converting Colors

XYZ(32.9697, 26.6186, 36.1659)

Have a look what the booklet for
XYZ(32.9697, 26.6186, 36.1659)
contains.

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Color

**XYZ(32.9847, 26.6126,
36.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	B87A9F
RGB	184, 122, 159
RGB Percent	72%, 48%, 62%
CMY	0.2784, 0.5216, 0.3765
CMYK	0.00, 0.34, 0.14, 0.28
HSL	324°, 30%, 60%
HSV	324°, 34%, 72%
XYZ	32.9847, 26.6126, 36.1992
YIQ	144.7560, 25.0750, 24.6510

Conversions

Conversions Part 2

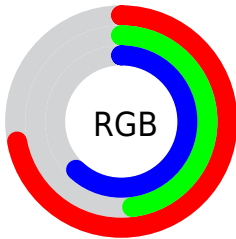
Format	Color
RYB	184, 122, 159
Decimal	12090015
CIELab	58.61, 29.76, -9.91
CIELCh	59, 31.361, 341.586
Yxy	26.6126, 0.3443, 0.2778
Android (android.graphics.Color)	4290280095 (0xFFB87A9F)
YUV	144.7560, 7.0223, 34.4170
Hunter-Lab	51.5874, 23.8540, -5.4930

Details

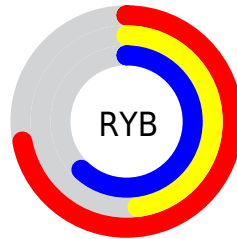
The XYZ color **32.9847, 26.6126, 36.1992** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.4341, 40.5259, 33.8237**, and the grayscale version is **26.7806, 28.1753, 30.6829**.

A 20% lighter version of the original color is **63.7432, 54.2158, 70.7234**, and **14.2301, 10.4633, 15.4570** is the 20% darker color. If you saturate the color by 10%, you get **30.3111, 22.2649, 32.2262**, and if you desaturate by 10%, it is **36.1262, 31.8337, 40.5195**.

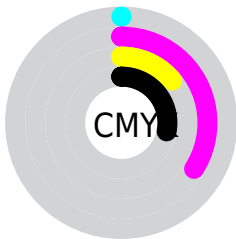
Distribution



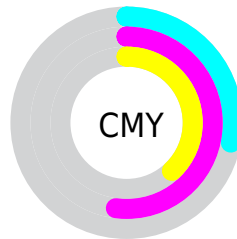
- Red (72%)
- Green (48%)
- Blue (62%)



- Red (72%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (28%)




- Cyan (28%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9847, 26.6126, 36.1992 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 32.9847, 26.6126, 36.1992 by changing the saturation by 10% instead.


 32.9847, 26.6126,
36.1992


 32.9847, 26.6126,
36.1992


307.2470,
285.7765, 344.8941

 22.2739, 17.2825,
24.2972


 63.7065, 54.2616,
70.5119

 14.1760, 10.4361,
15.3400


 84.4482, 73.3492,
93.7597

 8.3257, 5.6891,
8.9091

 109.2642, 96.4582,
121.6264

 4.3576, 2.6569,
4.5859

138.5199,
123.9729, 154.5307

 1.9064, 0.9554,
1.9520

172.5807,
156.2777, 192.8911

 0.5805, 0.0000,
0.5255

211.8119,

 0.0000, 0.0000,

193.7569, 237.1261

0.0000

256.5789,
236.7951, 287.6542

■ 32.9847, 26.6126,
36.1992

■ 32.9847, 26.6126,
36.1992

■ 30.3111, 22.2649,
32.2262

■ 36.1262, 31.8337,
40.5195

■ 28.0783, 18.7382,
28.5872

■ 39.7563, 37.9693,
45.1963

■ 26.2597, 15.9802,
25.2703

■ 43.8971, 45.0625,
50.2405

■ 24.8248, 13.9311,
22.2618

■ 48.5688, 53.1524,
55.6618

■ 23.7385, 12.5219,
19.5464

■ 53.7903, 62.2760,
61.4695

■ 22.9588, 11.6698,
17.1063

■ 59.5796, 72.4685,
67.6727

■ 22.5711, 11.3119,
15.6895

■ 65.9538, 83.7631,
74.2799

■ 68.2293, 86.7912,
79.7326

■ 69.2245, 87.1893,
84.9732

Harmonies

Analogous

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



30.5306, 26.6126, 47.8928



32.9847, 26.6126, 36.1992



33.2577, 26.6126, 24.9254

Triad

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



32.9847, 26.6126, 36.1992



23.8372, 26.6126, 12.7798



20.1538, 26.6126, 45.4412

Complementary

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



32.9847, 26.6126, 36.1992



30.4341, 40.5259, 33.8237

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.



18.7161, 26.6126, 33.4446



32.9847, 26.6126, 36.1992



20.6941, 26.6126, 15.8406

Square

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



32.9847, 26.6126, 36.1992



27.7045, 26.6126, 13.1620



18.9033, 26.6126, 22.7849



23.0284, 26.6126, 54.0924

Rectangle

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



32.9847, 26.6126, 36.1992



32.1358, 26.6126, 19.2338



18.9033, 26.6126, 22.7849



19.5003, 26.6126, 41.5540

Sweetspot

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



32.9855, 26.6138, 36.1997



74.6079, 73.1614, 85.0774



27.6092, 23.5657, 48.4412



15.8645, 15.3972, 18.0705



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.9855, 26.6138, 36.1997



56.3264, 42.5836, 60.5317



30.6371, 25.6745, 23.8335



9.2235, 9.0998, 10.5242



15.5914, 7.8103, 11.0011



0.5794, 0.2872, 0.5446

Inverse Universe

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



32.9855, 26.6138, 36.1997



56.3264, 42.5836, 60.5317



33.1832, 41.6255, 48.3004



9.2235, 9.0998, 10.5242



15.5914, 7.8103, 11.0011



0.5794, 0.2872, 0.5446

Previews

White Background



This preview shows how the XYZ color 32.9847, 26.6126, 36.1992 looks on a white background.

Color Contrast Check

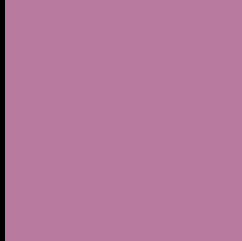
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9847, 26.6126, 36.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

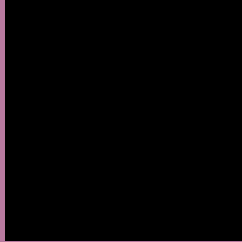
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9847, 26.6126, 36.1992

Background



This preview shows how black text looks on a background with the XYZ color 32.9847, 26.6126, 36.1992.



This preview shows how white text looks on a background with the XYZ color 32.9847, 26.6126,

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

32.9847, 26.6126, 36.1992

Protanopia

26.7204, 26.8473, 42.3018

Deuteranopia

27.1592, 26.5875, 35.1530



Tritanopia

30.9608, 26.5230, 26.7802

Trichromacy



Original Color

32.9847, 26.6126, 36.1992

Protanomaly

28.4994, 26.3374, 40.1408

Deuteranomaly

29.0350, 26.5139, 35.4857

Tritanomaly

31.6591, 26.6259, 29.8563

Monochromacy



Original Color

32.9847, 26.6126, 36.1992

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.7488, 27.4643, 32.6401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9847, 26.6126, 36.1992 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(184, 122, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 159)  
}
```

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(184, 122, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.9847, 26.6126, 36.1992 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(184, 122, 159) }
```


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

```
.border{ border-color:rgb(184, 122, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9847, 26.6126, 36.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 159) }
```

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

```
.background{ background-color: rgb(184,  
122, 159) }
```

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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