

Converting Colors

XYZ(31.9248, 26.6512, 34.9141)

Have a look what the booklet for
XYZ(31.9248, 26.6512, 34.9141)
contains.

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Color

**XYZ(31.9248, 26.6512,
34.9141)**

Conversions

Conversions Part 1

Format	Color
Hex	B37D9C
RGB	179, 125, 156
RGB Percent	70%, 49%, 61%
CMY	0.2980, 0.5098, 0.3882
CMYK	0.00, 0.30, 0.13, 0.30
HSL	326°, 26%, 60%
HSV	326°, 30%, 70%
XYZ	31.9248, 26.6512, 34.9141
YIQ	144.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

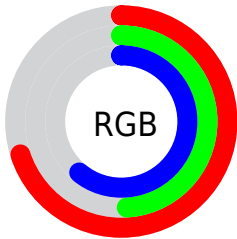
Format	Color
RYB	179, 125, 156
Decimal	11763100
CIELab	58.65, 25.80, -8.18
CIELCh	59, 27.063, 342.396
Yxy	26.6512, 0.3415, 0.2851
Android (android.graphics.Color)	4289953180 (0xFFB37D9C)
YUV	144.6800, 5.5808, 30.0986
Hunter-Lab	51.6248, 20.0411, -3.9608

Details

The XYZ color **31.9248, 26.6512, 34.9141** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.9240, 38.7391, 33.9189**, and the grayscale version is **26.7563, 28.1497, 30.6550**.

A 20% lighter version of the original color is **61.8142, 54.1561, 68.1680**, and **13.5233, 10.4120, 14.6616** is the 20% darker color. If you saturate the color by 10%, you get **29.2343, 22.2710, 30.9313**, and if you desaturate by 10%, it is **35.0658, 31.8668, 39.2476**.

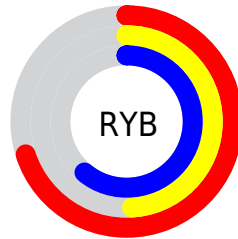
Distribution



Red (70%)

Green (49%)

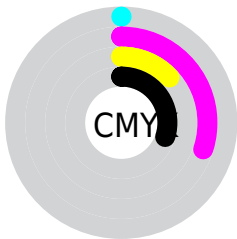
Blue (61%)



Red (70%)

Yellow (49%)

Blue (61%)

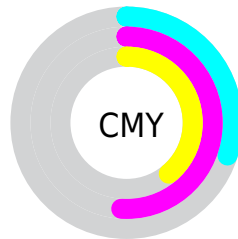


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9248, 26.6512, 34.9141 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 31.9248, 26.6512, 34.9141 by changing the saturation by 10% instead.


 31.9248, 26.6512,
34.9141


 31.9248, 26.6512,
34.9141


302.5279,
285.9643, 339.0817


 21.4593, 17.3114,
23.3137


 62.0592, 54.3236,
68.5027

 13.5745, 10.4568,
14.6178

 82.4588, 73.4251,
91.3280

 7.9051, 5.7029,
8.4080


 106.9005, 96.5493,
118.7321

 4.0856, 2.6653,
4.2656

135.7497,
124.0805, 151.1333

 1.7507, 0.9596,
1.7722

169.3716,
156.4033, 188.9504

 0.4877, 0.0000,
0.4095

208.1318,

 0.0000, 0.0000,

193.9019, 232.6018

0.0000

252.3954,
236.9608, 282.5061

■ 31.9248, 26.6512,
34.9141

■ 31.9248, 26.6512,
34.9141

■ 29.2343, 22.2710,
30.9313

■ 35.0658, 31.8668,
39.2476

■ 26.9693, 18.6783,
27.2864

■ 38.6759, 37.9550,
43.9408

■ 25.1057, 15.8260,
23.9679

■ 42.7755, 44.9552,
49.0041

■ 23.6161, 13.6605,
20.9628

■ 47.3833, 52.9034,
54.4471

■ 22.4693, 12.1208,
18.2568

■ 52.5166, 61.8334,
60.2790

■ 21.6289, 11.1350,
15.8336

■ 58.1922, 71.7775,
66.5084

■ 21.0265, 10.5582,
13.6973

■ 64.4259, 82.7665,
73.1439

■ 66.8747, 86.1134,
78.7408

■ 67.8897, 86.5195,
84.0859

Harmonies

Analogous

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



29.8897, 26.6512, 44.7445



31.9248, 26.6512, 34.9141



32.1005, 26.6512, 25.2638

Triad

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



31.9248, 26.6512, 34.9141



23.9837, 26.6512, 14.5607



20.8981, 26.6512, 43.1931

Complementary

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



31.9248, 26.6512, 34.9141



29.9240, 38.7391, 33.9189

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.



19.5874, 26.6512, 33.1282



31.9248, 26.6512, 34.9141



21.2614, 26.6512, 17.4910

Square

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



31.9248, 26.6512, 34.9141



27.3138, 26.6512, 14.8343



19.7143, 26.6512, 23.8272



23.4469, 26.6512, 50.1966

Rectangle

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



31.9248, 26.6512, 34.9141



31.1202, 26.6512, 20.2748



19.7143, 26.6512, 23.8272



20.3086, 26.6512, 39.9721

Sweetspot

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



31.9256, 26.6524, 34.9147



69.9704, 69.1710, 79.5846



27.5939, 24.1726, 45.8598



15.2806, 14.9490, 17.3521



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.9256, 26.6524, 34.9147



53.9824, 42.5118, 57.8640



29.9208, 25.8505, 24.3575



8.6939, 8.5843, 9.8867



14.8913, 7.4741, 9.8533



0.4970, 0.2466, 0.4599

Inverse Universe

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



31.9256, 26.6524, 34.9147



53.9824, 42.5118, 57.8640



32.2673, 39.6764, 46.2587



8.6939, 8.5843, 9.8867



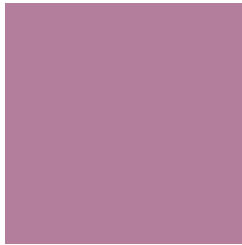
14.8913, 7.4741, 9.8533



0.4970, 0.2466, 0.4599

Previews

White Background



This preview shows how the XYZ color 31.9248, 26.6512, 34.9141 looks on a white background.

Color Contrast Check

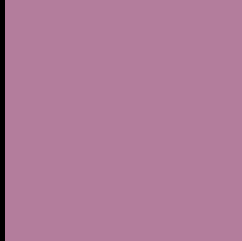
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9248, 26.6512, 34.9141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

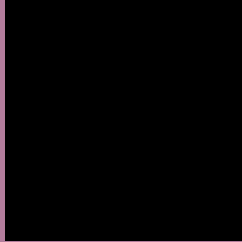
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9248, 26.6512, 34.9141

Background



This preview shows how black text looks on a background with the XYZ color 31.9248, 26.6512, 34.9141.



This preview shows how white text looks on a background with the XYZ color 31.9248, 26.6512,

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

31.9248, 26.6512, 34.9141

Protanopia

26.4144, 26.7436, 39.8462

Deuteranopia

27.1728, 26.6140, 34.2767



Tritanopia

30.4381, 26.6204, 27.5788

Trichromacy



Original Color

31.9248, 26.6512, 34.9141

Protanomaly

28.1345, 26.6120, 37.8362

Deuteranomaly

28.8011, 26.6152, 34.6296

Tritanomaly

31.0603, 26.6881, 30.3023

Monochromacy



Original Color

31.9248, 26.6512, 34.9141

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.4179, 27.5150, 32.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9248, 26.6512, 34.9141 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(179, 125, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 125, 156)  
}
```

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(179, 125, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 125, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.9248, 26.6512, 34.9141 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(179, 125, 156) }
```


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

```
.border{ border-color:rgb(179, 125, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 125, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 125, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 125, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 125,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9248, 26.6512, 34.9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 125, 156) }
```

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

```
.background{ background-color: rgb(179,  
125, 156) }
```

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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