

Converting Colors

XYZ(21.0697, 16.2672, 18.8674)

Have a look what the booklet for
XYZ(21.0697, 16.2672, 18.8674)
contains.

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Color

**XYZ(21.0299, 16.2812,
18.8638)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5D75
RGB	157, 93, 117
RGB Percent	62%, 36%, 46%
CMY	0.3843, 0.6353, 0.5412
CMYK	0.00, 0.41, 0.25, 0.38
HSL	338°, 26%, 49%
HSV	338°, 41%, 62%
XYZ	21.0299, 16.2812, 18.8638
YIQ	114.8720, 30.4400, 21.0320

Conversions

Conversions Part 2

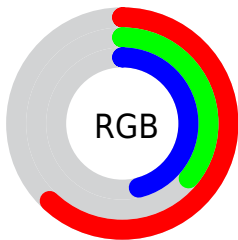
Format	Color
R_{YB}	157, 93, 117
Decimal	10313077
CIE _{Lab}	47.34, 29.39, -2.29
CIE _{LCh}	47, 29.481, 355.554
Yxy	16.2812, 0.3744, 0.2898
Android (android.graphics.Color)	4288503157 (0xFF9D5D75)
YUV	114.8720, 1.0491, 36.9463
Hunter-Lab	40.3500, 22.4195, 0.5266

Details

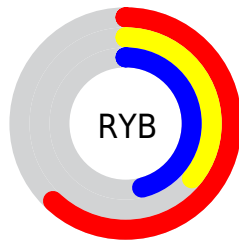
The XYZ color **21.0299, 16.2812, 18.8638** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8056, 28.1350, 26.5259**, and the grayscale version is **16.2479, 17.0940, 18.6154**.

A 20% lighter version of the original color is **44.5753, 36.9572, 42.3202**, and **7.7215, 5.2495, 6.2365** is the 20% darker color. If you saturate the color by 10%, you get **19.2436, 13.5841, 15.5694**, and if you desaturate by 10%, it is **23.1605, 19.5699, 22.5717**.

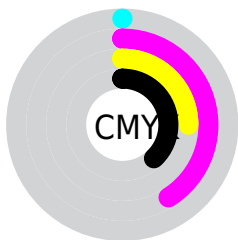
Distribution



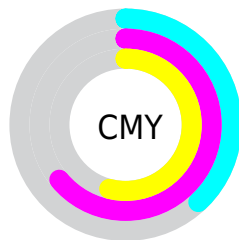
- Red (62%)
- Green (36%)
- Blue (46%)



- Red (62%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0299, 16.2812, 18.8638 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 21.0299, 16.2812, 18.8638 by changing the saturation by 10% instead.

■ 21.0299, 16.2812,
18.8638

■ 21.0299, 16.2812,
18.8638

250.1661,
230.9953, 258.0934

■ 13.2584, 9.7234,
11.3961

■ 44.6282, 37.0857,
42.3375

■ 7.6850, 5.2159,
6.2164

■ 61.1857, 52.1011,
59.1805

■ 3.9441, 2.3745,
2.9062

■ 81.4027, 70.7046,
79.9857

■ 1.6706, 0.8127,
1.0469

■ 105.6444, 93.2804,
105.1716

■ 0.4378, 0.0000,
0.0000

134.2763,
120.2130, 135.1568

■ 0.0000, 0.0000,
0.0000

167.6636,

151.8867, 170.3598

206.1717,
188.6861, 211.1992

■ 21.0299, 16.2812,
18.8638

■ 21.0299, 16.2812,
18.8638

■ 19.2436, 13.5841,
15.5694

■ 23.1605, 19.5699,
22.5717

■ 17.7811, 11.4406,
12.6721

■ 25.6518, 23.4805,
26.7070

■ 16.6213, 9.8120,
10.1554

■ 28.5207, 28.0439,
31.2837


■ 15.7403, 8.6535,
8.0012


■ 31.7826, 33.2884,
36.3151


■ 15.1100, 7.9125,
6.1894


■ 35.4521, 39.2406,
41.8138

 14.6907, 7.4826,
4.7899

 39.5430, 45.9255,
47.7920

 44.0684, 53.3671,
54.2612

 49.0408, 61.5882,
61.2328

 54.4723, 70.6106,
68.7175

Harmonies

Analogous

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



19.9877, 16.2812, 27.1509



21.0299, 16.2812, 18.8638



20.4522, 16.2812, 12.2278

Triad

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



21.0299, 16.2812, 18.8638



13.4116, 16.2812, 7.6737



12.8090, 16.2812, 32.3978

Complementary

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



21.0299, 16.2812, 18.8638



20.8056, 28.1350, 26.5259

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.



11.3786, 16.2812, 24.6694



21.0299, 16.2812, 18.8638



11.6981, 16.2812, 10.7838

Square

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



21.0299, 16.2812, 18.8638



15.8666, 16.2812, 6.9208



10.9957, 16.2812, 16.6377



15.0894, 16.2812, 36.2385

Rectangle

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



21.0299, 16.2812, 18.8638



19.2571, 16.2812, 9.3266



10.9957, 16.2812, 16.6377



12.2233, 16.2812, 30.0788

Sweetspot

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



21.0304, 16.2820, 18.8641



50.2790, 48.9475, 54.7709



19.5897, 15.2072, 33.8013



10.9254, 10.5500, 11.8338



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.0304, 16.2820, 18.8641



34.7028, 24.6847, 28.3388



20.4831, 17.1634, 12.5902



6.7308, 6.6852, 7.4335



11.9483, 6.0839, 3.9788



0.2334, 0.1167, 0.1750

Inverse Universe

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



21.0304, 16.2820, 18.8641



34.7028, 24.6847, 28.3388



21.4326, 26.4260, 35.8696



6.7308, 6.6852, 7.4335



11.9483, 6.0839, 3.9788



0.2334, 0.1167, 0.1750

Previews

White Background



This preview shows how the XYZ color 21.0299, 16.2812, 18.8638 looks on a white background.

Color Contrast Check

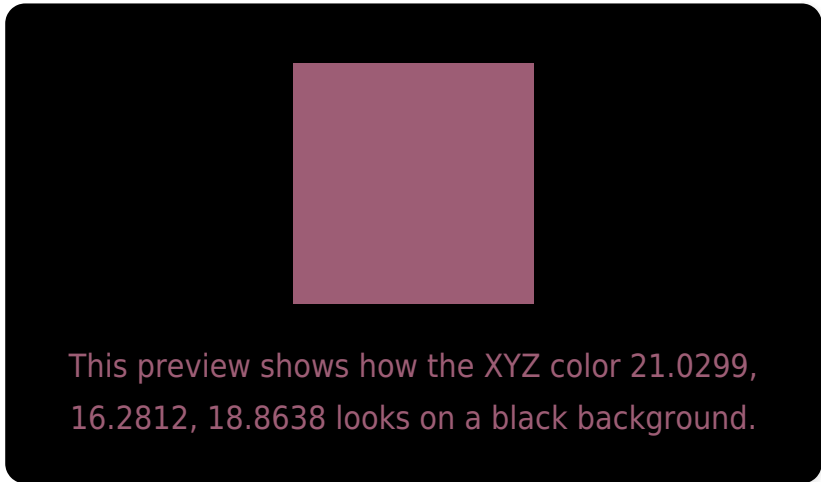
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

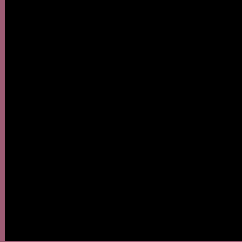
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0299, 16.2812, 18.8638

Background



This preview shows how black text looks on a background with the XYZ color 21.0299, 16.2812, 18.8638.



This preview shows how white text looks on a background with the XYZ color 21.0299, 16.2812,

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

21.0299, 16.2812, 18.8638

Protanopia

16.1870, 16.4883, 23.0983

Deuteranopia

16.6743, 16.3631, 18.1992



Tritanopia

20.3414, 16.4129, 14.9279

Trichromacy



Original Color

21.0299, 16.2812, 18.8638

Protanomaly

17.5056, 16.0958, 21.5862

Deuteranomaly

17.9364, 16.0892, 18.3798

Tritanomaly

20.5093, 16.3350, 16.2594

Monochromacy



Original Color

21.0299, 16.2812, 18.8638

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.6160, 16.5222, 18.7836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0299, 16.2812, 18.8638 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(157, 93, 117)` looks like.

```
.text, #text, p{  
  color:rgb(157, 93, 117)  
}
```

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(157, 93, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 93, 117) }
```

Border

The CSS property to change the border of an element to XYZ 21.0299, 16.2812, 18.8638 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(157, 93, 117) }
```


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

```
.border{ border-color:rgb(157, 93, 117) }
```

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

Here you see how a box with a 4 pixel rgb(157, 93, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 93, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 93, 117);  
box-shadow:4px 4px 4px 4px rgb(157, 93,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0299, 16.2812, 18.8638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 93, 117) }
```

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

```
.background{ background-color: rgb(157, 93,  
117) }
```

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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