

Converting Colors

XYZ(20.9219, 17.1905, 15.4537)

Have a look what the booklet for
XYZ(20.9219, 17.1905, 15.4537)
contains.

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Color

**XYZ(21.0116, 17.3024,
15.5969)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D6469 |
| RGB | 157, 100, 105 |
| RGB Percent | 62%, 39%, 41% |
| CMY | 0.3843, 0.6078, 0.5882 |
| CMYK | 0.00, 0.36, 0.33, 0.38 |
| HSL | 355°, 23%, 50% |
| HSV | 355°, 36%, 62% |
| XYZ | 21.0116, 17.3024, 15.5969 |
| YIQ | 117.6130, 32.3670, 13.6390 |

Conversions

Conversions Part 2

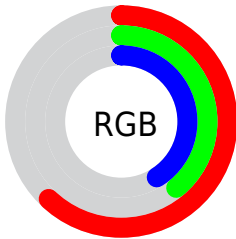
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 157, 100, 105 |
| Decimal | 10314857 |
| CIE Lab | 48.64, 23.71, 6.80 |
| CIE LCh | 49, 24.667, 16.002 |
| Yxy | 17.3024, 0.3897, 0.3209 |
| Android (android.graphics.Color) | 4288504937 (0xFF9D6469) |
| YUV | 117.6130, -6.2182, 34.5424 |
| Hunter-Lab | 41.5962, 17.3730, 6.8859 |

Details

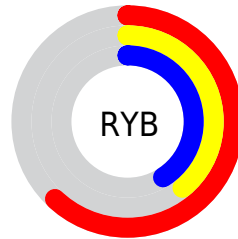
The XYZ color **21.0116, 17.3024, 15.5969** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9808, 29.0906, 34.1111**, and the grayscale version is **17.1112, 18.0023, 19.6045**.

A 20% lighter version of the original color is **44.6696, 39.0029, 36.6265**, and **7.7006, 5.7045, 4.6982** is the 20% darker color. If you saturate the color by 10%, you get **18.9731, 14.3059, 11.5860**, and if you desaturate by 10%, it is **23.4653, 20.9306, 20.3584**.

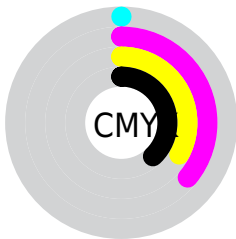
Distribution



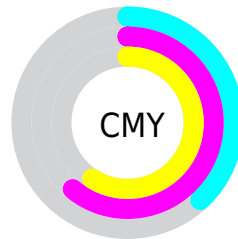
- Red (62%)
- Green (39%)
- Blue (41%)



- Red (62%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (38%)





- Cyan (38%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0116, 17.3024, 15.5969 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 21.0116, 17.3024, 15.5969 by changing the saturation by 10% instead.


 21.0116, 17.3024,
15.5969


 21.0116, 17.3024,
15.5969


250.0707,
236.9090, 238.7152


 13.2450, 10.4503,
9.0881


 44.5980, 38.8450,
36.6540


 7.6756, 5.6985,
4.7011


 61.1484, 54.3043,
52.0393

 3.9381, 2.6627,
2.0173

 81.3576, 73.4014,
71.2206

 1.6672, 0.9583,
0.5659

 105.5907, 96.5209,
94.6164

 0.4356, 0.0000,
0.0000

134.2133,
124.0469, 122.6452

 0.0000, 0.0000,
0.0000

167.5905,

156.3641, 155.7256

206.0879,
193.8566, 194.2761

■ 21.0116, 17.3024,
15.5969

■ 21.0116, 17.3024,
15.5969

■ 18.9731, 14.3059,
11.5860

■ 23.4653, 20.9306,
20.3584

■ 17.3253, 11.9026,
8.2864

■ 26.3539, 25.2210,
25.9050

■ 16.0437, 10.0537,
5.6567

■ 29.6977, 30.2053,
32.2703


■ 15.1000, 8.7150,
3.6509


■ 33.5150, 35.9123,
39.4857


■ 14.4620, 7.8351,
2.2172


■ 37.8235, 42.3692,
47.5809


 14.0857, 7.3413,
1.2933

 42.6396, 49.6018,
56.5841

 13.9823, 7.1992,
1.0597

 47.9793, 57.6348,
66.5224

 53.8576, 66.4915,
77.4216

 60.2890, 76.1946,
89.3067

Harmonies

Analogous

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



21.0582, 17.3024, 22.0301



21.0116, 17.3024, 15.5969



19.6700, 17.3024, 11.1972

Triad

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



21.0116, 17.3024, 15.5969



13.4991, 17.3024, 11.4174



15.4113, 17.3024, 33.7709

Complementary

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



21.0116, 17.3024, 15.5969



22.9808, 29.0906, 34.1111

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.



13.5941, 17.3024, 29.3473



21.0116, 17.3024, 15.5969



12.5608, 17.3024, 15.9727

Square

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



21.0116, 17.3024, 15.5969



15.2704, 17.3024, 9.1915



12.5939, 17.3024, 22.5027



17.6792, 17.3024, 33.6041

Rectangle

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



21.0116, 17.3024, 15.5969



18.2866, 17.3024, 9.5662



12.5939, 17.3024, 22.5027



14.7322, 17.3024, 32.7343

Sweetspot

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



21.0121, 17.3032, 15.5972



50.1420, 49.5542, 52.0101



23.4617, 18.1576, 34.1665



10.8716, 10.6629, 11.1362



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.



21.0121, 17.3032, 15.5972



34.4658, 26.3340, 21.7141



23.2636, 22.2053, 15.1177



6.6555, 6.6551, 7.0370



11.3627, 5.8496, 0.8949



0.2093, 0.1070, 0.0481

Inverse Universe

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



21.0121, 17.3032, 15.5972



34.4658, 26.3340, 21.7141



19.8948, 22.2499, 35.1444



6.6555, 6.6551, 7.0370



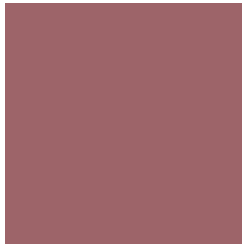
11.3627, 5.8496, 0.8949



0.2093, 0.1070, 0.0481

Previews

White Background



This preview shows how the XYZ color 21.0116, 17.3024, 15.5969 looks on a white background.

Color Contrast Check

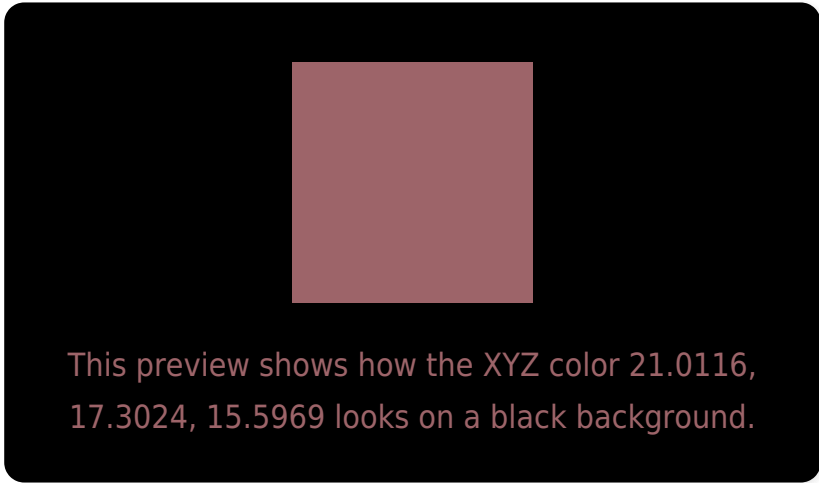
Large Text (above 18pt) WCAG AA ✓ Pass

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

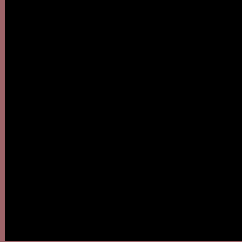
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0116, 17.3024, 15.5969

Background



This preview shows how black text looks on a background with the XYZ color 21.0116, 17.3024, 15.5969.



This preview shows how white text looks on a background with the XYZ color 21.0116, 17.3024,

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

21.0116, 17.3024, 15.5969

Protanopia

16.7191, 17.3757, 18.0954

Deuteranopia

17.7581, 17.4731, 15.2687



Tritanopia

21.1156, 17.3440, 16.1447

Trichromacy



Original Color

21.0116, 17.3024, 15.5969

Protanomaly

18.0633, 17.2642, 17.1321

Deuteranomaly

18.8458, 17.3873, 15.4595

Tritanomaly

21.0633, 17.3230, 15.8692

Monochromacy



Original Color

21.0116, 17.3024, 15.5969

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1808, 17.4667, 18.0360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0116, 17.3024, 15.5969 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, 100, 105)` looks like.

```
.text, #text, p{  
    color:rgb(157, 100, 105)  
}
```

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, 100, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 100, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.0116, 17.3024, 15.5969 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, 100, 105) }
```


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

```
.border{ border-color:rgb(157, 100, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 100, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 100, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 100, 105);  
box-shadow:4px 4px 4px 4px rgb(157, 100,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0116, 17.3024, 15.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 100, 105) }
```

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

```
.background{ background-color: rgb(157,  
100, 105) }
```

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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