

Converting Colors

XYZ(21.0648, 18.3736, 16.3739)

Have a look what the booklet for
XYZ(21.0648, 18.3736, 16.3739)
contains.

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Color

**XYZ(21.0484, 18.3492,
16.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	996B6B
RGB	153, 107, 107
RGB Percent	60%, 42%, 42%
CMY	0.4000, 0.5804, 0.5804
CMYK	0.00, 0.30, 0.30, 0.40
HSL	0°, 18%, 51%
HSV	0°, 30%, 60%
XYZ	21.0484, 18.3492, 16.3423
YIQ	120.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

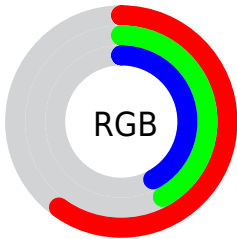
Format	Color
R_{YB}	153, 107, 107
Decimal	10054507
CIE _{Lab}	49.92, 18.38, 7.36
CIE _{LCh}	50, 19.799, 21.832
Yxy	18.3492, 0.3776, 0.3292
Android (android.graphics.Color)	4288244587 (0xFF996B6B)
YUV	120.7540, -6.7807, 28.2797
Hunter-Lab	42.8360, 12.7470, 7.3655

Details

The XYZ color **21.0484, 18.3492, 16.3423** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2041, 28.2073, 34.3587**, and the grayscale version is **18.1100, 19.0531, 20.7488**.

A 20% lighter version of the original color is **44.5821, 40.6748, 37.8490**, and **7.7464, 6.2209, 5.0674** is the 20% darker color. If you saturate the color by 10%, you get **18.8572, 15.1431, 11.9858**, and if you desaturate by 10%, it is **23.6652, 22.1785, 21.5438**.

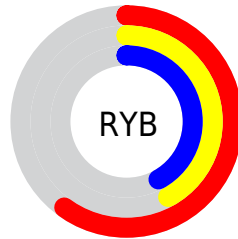
Distribution



Red (60%)

Green (42%)

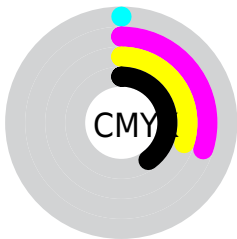
Blue (42%)



Red (60%)

Yellow (42%)

Blue (42%)

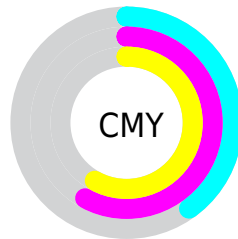


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0484, 18.3492, 16.3423 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 21.0484, 18.3492, 16.3423 by changing the saturation by 10% instead.

■ 21.0484, 18.3492,
16.3423

■ 21.0484, 18.3492,
16.3423

250.2624,
242.8320, 243.2675

■ 13.2720, 11.2010,
9.6097

■ 44.6587, 40.6315,
37.9665

■ 7.6944, 6.2022,
5.0388

■ 61.2234, 56.5343,
53.6951

■ 3.9502, 2.9684,
2.2109

■ 81.4483, 76.1241,
73.2596

■ 1.6740, 1.1153,
0.6806

■ 105.6987, 99.7853,
97.0784

■ 0.4399, 0.0000,
0.0000

134.3399,
127.9023, 125.5700

■ 0.0000, 0.0000,
0.0000

167.7374,

160.8595, 159.1530

206.2565,
199.0413, 198.2460

■ 21.0484, 18.3492,
16.3423

■ 21.0484, 18.3492,
16.3423

■ 18.8572, 15.1431,
11.9858

■ 23.6652, 22.1785,
21.5438

■ 17.0679, 12.5247,
8.4287

■ 26.7270, 26.6587,
27.6305

■ 15.6564, 10.4592,
5.6228


■ 30.2535, 31.8190,
34.6412


■ 14.5956, 8.9070,
3.5142


■ 34.2631, 37.6861,
42.6123


■ 13.8550, 7.8231,
2.0419


■ 38.7730, 44.2853,
51.5780


 13.3984, 7.1550,
1.1344

 43.7996, 51.6406,
61.5709

 13.1370, 6.7725,
0.6148

 49.3586, 59.7748,
72.6222

 55.4649, 68.7100,
84.7617

 62.1330, 78.4671,
98.0180

Harmonies

Analogous

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



21.3039, 18.3492, 21.4998



21.0484, 18.3492, 16.3423



19.7918, 18.3492, 12.8431

Triad

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



21.0484, 18.3492, 16.3423



14.7282, 18.3492, 14.1963



16.9275, 18.3492, 32.1994

Complementary

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



21.0484, 18.3492, 16.3423



23.2041, 28.2073, 34.3587

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.



15.2829, 18.3492, 29.3639



21.0484, 18.3492, 16.3423



14.0747, 18.3492, 18.5320

Square

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



21.0484, 18.3492, 16.3423



16.1194, 18.3492, 11.7694



14.2702, 18.3492, 24.1191



18.8316, 18.3492, 31.3237

Rectangle

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



21.0484, 18.3492, 16.3423



18.6021, 18.3492, 11.6097



14.2702, 18.3492, 24.1191



16.3281, 18.3492, 31.6328

Sweetspot

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



21.0489, 18.3501, 16.3427



48.3910, 48.5124, 50.5289



24.1445, 19.5878, 32.6454



10.5094, 10.4548, 10.8079



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.0489, 18.3501, 16.3427



35.0050, 28.9250, 23.9181



23.7735, 23.7993, 17.2509



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



23.2041, 28.2073, 34.3587



39.4931, 49.4524, 61.4357



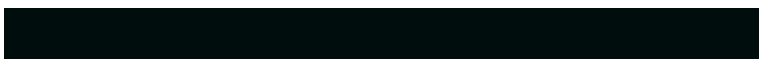
19.7960, 21.3912, 33.2226



6.3846, 7.0265, 7.9487



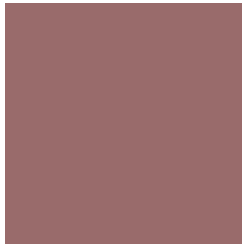
14.1654, 20.7275, 28.1619



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 21.0484, 18.3492, 16.3423 looks on a white background.

Color Contrast Check

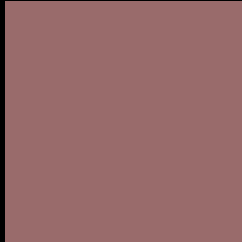
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.0484, 18.3492, 16.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

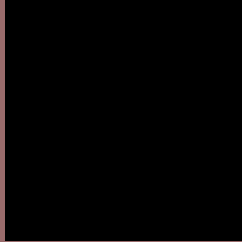
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0484, 18.3492, 16.3423

Background



This preview shows how black text looks on a background with the XYZ color 21.0484, 18.3492, 16.3423.



This preview shows how white text looks on a background with the XYZ color 21.0484, 18.3492,

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

21.0484, 18.3492, 16.3423

Protanopia

17.7458, 18.5969, 18.2770

Deuteranopia

18.7239, 18.4530, 16.2106



Tritanopia

21.5177, 18.3930, 18.3357

Trichromacy



Original Color

21.0484, 18.3492, 16.3423

Protanomaly

18.8315, 18.4775, 17.6129

Deuteranomaly

19.5510, 18.3797, 16.1529

Tritanomaly

21.3497, 18.3258, 17.4509

Monochromacy



Original Color

21.0484, 18.3492, 16.3423

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.0706, 18.7383, 19.1347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0484, 18.3492, 16.3423 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(153, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 107, 107)  
}
```

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(153, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 107, 107) }
```

Border

The CSS property to change the border of an element to XYZ 21.0484, 18.3492, 16.3423 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(153, 107, 107) }
```


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

```
.border{ border-color:rgb(153, 107, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 107, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 107, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 107, 107); box-shadow:4px 4px 4px 4px rgb(153, 107, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0484, 18.3492, 16.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 107, 107) }
```

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

```
.background{ background-color: rgb(153,  
107, 107) }
```

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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