

Converting Colors

XYZ(21.8148, 19.8120, 16.1944)

Have a look what the booklet for
XYZ(21.8148, 19.8120, 16.1944)
contains.

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Color

**XYZ(21.9453, 19.9453,
16.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	9A726A
RGB	154, 114, 106
RGB Percent	60%, 45%, 42%
CMY	0.3961, 0.5529, 0.5843
CMYK	0.00, 0.26, 0.31, 0.40
HSL	10°, 19%, 51%
HSV	10°, 31%, 60%
XYZ	21.9453, 19.9453, 16.3288
YIQ	125.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

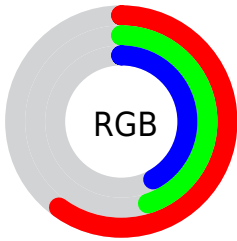
Format	Color
R_{YB}	154, 116, 106
Decimal	10121834
CIE Lab	51.78, 14.61, 10.60
CIE LCh	52, 18.044, 35.960
Yxy	19.9453, 0.3769, 0.3426
Android (android.graphics.Color)	4288311914 (0xFF9A726A)
YUV	125.0480, -9.3907, 25.3909
Hunter-Lab	44.6602, 9.5568, 9.5843

Details

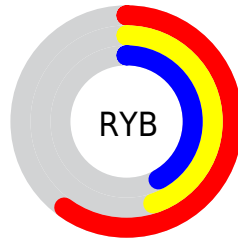
The XYZ color **21.9453, 19.9453, 16.3288** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0551, 25.9542, 34.4192**, and the grayscale version is **19.5340, 20.5513, 22.3804**.

A 20% lighter version of the original color is **46.0165, 43.2621, 37.8234**, and **8.2171, 7.0370, 5.0629** is the 20% darker color. If you saturate the color by 10%, you get **19.8680, 16.9593, 12.0338**, and if you desaturate by 10%, it is **24.3706, 23.3969, 21.4499**.

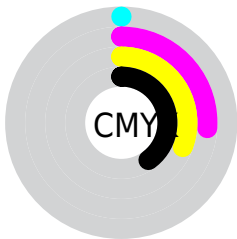
Distribution



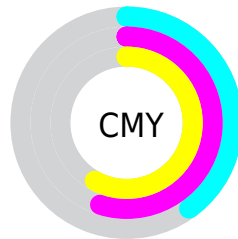
- Red (60%)
- Green (45%)
- Blue (42%)



- Red (60%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9453, 19.9453, 16.3288 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 21.9453, 19.9453, 16.3288 by changing the saturation by 10% instead.

■ 21.9453, 19.9453,
16.3288

■ 21.9453, 19.9453,
16.3288

254.8982,
251.6188, 243.1858

■ 13.9331, 12.3553,
9.6002

■ 46.1351, 43.3255,
37.9428

■ 8.1555, 6.9861,
5.0326

■ 63.0434, 59.8844,
53.6653

■ 4.2473, 3.4534,
2.2073

■ 83.6478, 80.2018,
73.2229

■ 1.8430, 1.3728,
0.6786

■ 108.3136,
104.6619, 97.0341

■ 0.5433, 0.1965,
0.0000

137.4062,
133.6494, 125.5174

■ 0.0000, 0.0000,
0.0000

171.2909,

167.5484, 159.0915

210.3331,
206.7434, 198.1747

■ 21.9453, 19.9453,
16.3288

■ 21.9453, 19.9453,
16.3288

■ 19.8680, 16.9593,
12.0338

■ 24.3706, 23.3969,
21.4499

■ 18.1210, 14.4161,
8.5202

■ 27.1573, 27.3300,
27.4359

■ 16.6875, 12.2955,
5.7411


■ 30.3202, 31.7631,
34.3249


■ 15.5483, 10.5741,
3.6441


■ 33.8725, 36.7130,
42.1522


■ 14.6822, 9.2266,
2.1695


■ 37.8272, 42.1956,
50.9511


 14.0650, 8.2245,
1.2476

 42.1961, 48.2264,
60.7535

 13.6888, 7.5947,
0.7444

 46.9911, 54.8198,
71.5897

 52.2233, 61.9901,
83.4888

 57.9034, 69.7509,
96.4786

Harmonies

Analogous

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



22.6703, 19.9453, 20.6890



21.9453, 19.9453, 16.3288



20.4247, 19.9453, 13.7640

Triad

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



21.9453, 19.9453, 16.3288



15.9268, 19.9453, 17.8711



19.3245, 19.9453, 33.3386

Complementary

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



21.9453, 19.9453, 16.3288



22.0551, 25.9542, 34.4192

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.



17.5621, 19.9453, 32.2615



21.9453, 19.9453, 16.3288



15.6738, 19.9453, 22.7785

Square

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



21.9453, 19.9453, 16.3288



16.9685, 19.9453, 14.5493



16.2538, 19.9453, 28.1767



21.0960, 19.9453, 30.9204

Rectangle

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



21.9453, 19.9453, 16.3288



19.2060, 19.9453, 13.1480



16.2538, 19.9453, 28.1767



18.7110, 19.9453, 33.3777

Sweetspot

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



21.9458, 19.9462, 16.3292



50.4203, 51.1745, 52.1945



23.6689, 19.2536, 29.6631



11.2421, 11.3439, 11.4449



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.



21.9458, 19.9462, 16.3292



37.3158, 32.5743, 24.3698



25.0166, 26.0878, 17.3528



6.2879, 6.3809, 6.5061



11.1715, 6.2254, 0.6128



0.1854, 0.1298, 0.0153

Inverse Universe

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



22.0551, 25.9542, 34.4192



37.5375, 45.1483, 62.2723



18.7363, 19.3165, 33.3130



6.2969, 6.8512, 7.9195



11.0976, 14.5920, 27.1393



0.1864, 0.2592, 0.4126

Previews

White Background



This preview shows how the XYZ color 21.9453, 19.9453, 16.3288 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 21.9453, 19.9453, 16.3288 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 21.9453, 19.9453, 16.3288

Background



This preview shows how black text looks on a background with the XYZ color 21.9453, 19.9453, 16.3288.

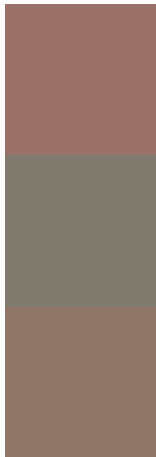


This preview shows how white text looks on a background with the XYZ color 21.9453, 19.9453,

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

21.9453, 19.9453, 16.3288

Protanopia

19.0055, 19.9807, 17.8939

Deuteranopia

20.3020, 19.9644, 16.1481



Tritanopia

22.8946, 20.0123, 20.4254

Trichromacy



Original Color

21.9453, 19.9453, 16.3288

Protanomaly

19.9580, 19.9403, 17.2650

Deuteranomaly

20.7652, 19.8535, 16.1023

Tritanomaly

22.5172, 20.0166, 18.8965

Monochromacy



Original Color

21.9453, 19.9453, 16.3288

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2607, 20.2170, 19.9740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9453, 19.9453, 16.3288 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(154, 114, 106)` looks like.

```
.text, #text, p{  
    color:rgb(154, 114, 106)  
}
```

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(154, 114, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 114, 106) }
```

Border

The CSS property to change the border of an element to XYZ 21.9453, 19.9453, 16.3288 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(154, 114, 106) }
```


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

```
.border{ border-color:rgb(154, 114, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 114, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 114, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 114, 106);  
box-shadow:4px 4px 4px 4px rgb(154, 114,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9453, 19.9453, 16.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 114, 106) }
```

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

```
.background{ background-color: rgb(154,  
114, 106) }
```

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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