

Converting Colors

XYZ(21.5923, 18.8610, 16.7553)

Have a look what the booklet for
XYZ(21.5923, 18.8610, 16.7553)
contains.

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Color

**XYZ(21.6930, 18.9886,
16.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6D6C
RGB	155, 109, 108
RGB Percent	61%, 43%, 42%
CMY	0.3922, 0.5725, 0.5765
CMYK	0.00, 0.30, 0.30, 0.39
HSL	1°, 19%, 52%
HSV	1°, 30%, 61%
XYZ	21.6930, 18.9886, 16.7092
YIQ	122.6400, 27.7370, 9.4410

Conversions

Conversions Part 2

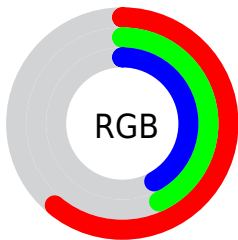
Format	Color
RYB	155, 109, 108
Decimal	10186092
CIELab	50.67, 18.17, 7.88
CIElCh	51, 19.807, 23.437
Yxy	18.9886, 0.3780, 0.3309
Android (android.graphics.Color)	4288376172 (0xFF9B6D6C)
YUV	122.6400, -7.2175, 28.3797
Hunter-Lab	43.5759, 12.6032, 7.7684

Details

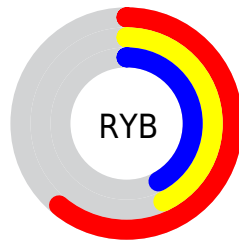
The XYZ color **21.6930, 18.9886, 16.7092** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6559, 28.6649, 35.2965**, and the grayscale version is **18.7253, 19.7005, 21.4538**.

A 20% lighter version of the original color is **45.5812, 41.6946, 38.4464**, and **7.9905, 6.4992, 5.2482** is the 20% darker color. If you saturate the color by 10%, you get **19.4594, 15.7262, 12.2502**, and if you desaturate by 10%, it is **24.3536, 22.8700, 22.0345**.

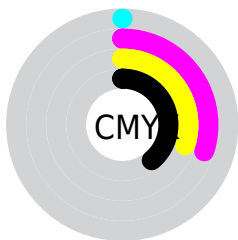
Distribution



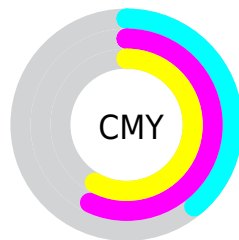
- Red (61%)
- Green (43%)
- Blue (42%)



- Red (61%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.6930, 18.9886, 16.7092 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 21.6930, 18.9886, 16.7092 by changing the saturation by 10% instead.


 21.6930, 18.9886,
16.7092


 21.6930, 18.9886,
16.7092


253.6014,
246.3858, 245.4779


 13.7468, 11.6620,
9.8676


 45.7207, 41.7148,
38.6089

 8.0253, 6.5140,
5.2068


 62.5330, 57.8833,
54.5041

 4.1631, 3.1601,
2.3083

 83.0313, 77.7679,
74.2542

 1.7948, 1.2159,
0.7358

 107.5810,
101.7529, 98.2778

 0.5145, 0.0746,
0.0000

136.5476,
130.2228, 126.9934

 0.0000, 0.0000,
0.0000

170.2962,

163.5620, 160.8196

209.1924,
202.1549, 200.1750

■ 21.6930, 18.9886,
16.7092

■ 21.6930, 18.9886,
16.7092

■ 19.4594, 15.7262,
12.2502

■ 24.3536, 22.8700,
22.0345

■ 17.6291, 13.0483,
8.6108

■ 27.4601, 27.3973,
28.2674

■ 16.1786, 10.9212,
5.7413


■ 31.0324, 32.5988,
35.4477


■ 15.0812, 9.3067,
3.5864


■ 35.0883, 38.5008,
43.6127


■ 14.3067, 8.1614,
2.0834


■ 39.6451, 45.1277,
52.7977


 13.8200, 7.4353,
1.1587

 44.7190, 52.5030,
63.0361

 13.5535, 7.0404,
0.6446

 50.3255, 60.6491,
74.3599

 56.4795, 69.5874,
86.7996

 63.1954, 79.3386,
100.3847

Harmonies

Analogous

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



22.0150, 18.9886, 21.9211



21.6930, 18.9886, 16.7092



20.3636, 18.9886, 13.2244

Triad

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



21.6930, 18.9886, 16.7092



15.2136, 18.9886, 14.9400



17.6249, 18.9886, 33.2138

Complementary

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



21.6930, 18.9886, 16.7092



23.6559, 28.6649, 35.2965

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.



15.9151, 18.9886, 30.5023



21.6930, 18.9886, 16.7092



14.5889, 18.9886, 19.4778

Square

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



21.6930, 18.9886, 16.7092



16.6041, 18.9886, 12.3382



14.8362, 18.9886, 25.2242



19.5734, 18.9886, 32.1128

Rectangle

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



21.6930, 18.9886, 16.7092



19.1329, 18.9886, 12.0301



14.8362, 18.9886, 25.2242



17.0051, 18.9886, 32.7042

Sweetspot

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



21.6935, 18.9895, 16.7096



49.8687, 50.0714, 52.0107



24.7311, 20.0342, 33.2301



11.1011, 11.0618, 11.3979



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.



21.6935, 18.9895, 16.7096



36.2123, 30.1553, 24.6558



24.5142, 24.6309, 17.6498



6.2188, 6.2428, 6.4830



10.8899, 5.6622, 0.5190



0.1653, 0.0896, 0.0086

Inverse Universe

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



23.6559, 28.6649, 35.2965



40.2695, 50.1628, 63.0963



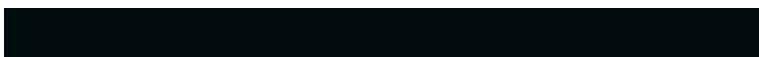
20.1792, 21.7115, 34.1376



6.3733, 7.0039, 7.9450



13.7342, 19.8650, 28.0182



0.2084, 0.3031, 0.4199

Previews

White Background



This preview shows how the XYZ color 21.6930, 18.9886, 16.7092 looks on a white background.

Color Contrast Check

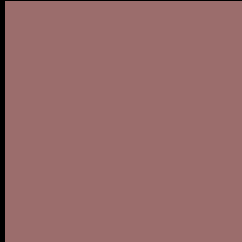
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6930, 18.9886, 16.7092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

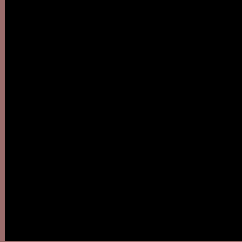
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6930, 18.9886, 16.7092

Background



This preview shows how black text looks on a background with the XYZ color 21.6930, 18.9886, 16.7092.



This preview shows how white text looks on a background with the XYZ color 21.6930, 18.9886,

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

21.6930, 18.9886, 16.7092

Protanopia

18.2112, 19.0078, 18.6286

Deuteranopia

19.4964, 19.1874, 16.5859



Tritanopia

22.2252, 19.0540, 19.0294

Trichromacy



Original Color

21.6930, 18.9886, 16.7092

Protanomaly

19.3234, 18.8949, 17.9579

Deuteranomaly

20.1728, 19.0255, 16.5190

Tritanomaly

22.0535, 18.9853, 18.1250

Monochromacy



Original Color

21.6930, 18.9886, 16.7092

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7401, 19.4158, 19.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6930, 18.9886, 16.7092 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(155, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(155, 109, 108)  
}
```

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(155, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.6930, 18.9886, 16.7092 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(155, 109, 108) }
```


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

```
.border{ border-color:rgb(155, 109, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 109, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 109, 108);  
box-shadow:4px 4px 4px 4px rgb(155, 109,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6930, 18.9886, 16.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 109, 108) }
```

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

```
.background{ background-color: rgb(155,  
109, 108) }
```

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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