

Converting Colors

XYZ(21.6410, 18.3276, 14.2140)

Have a look what the booklet for
XYZ(21.6410, 18.3276, 14.2140)
contains.

XYZ(21.6018, 18.3749, 14.2126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6018, 18.3749,
14.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6963
RGB	159, 105, 99
RGB Percent	62%, 41%, 39%
CMY	0.3765, 0.5882, 0.6118
CMYK	0.00, 0.34, 0.38, 0.38
HSL	6°, 24%, 51%
HSV	6°, 38%, 62%
XYZ	21.6018, 18.3749, 14.2126
YIQ	120.4620, 34.1100, 9.5820

Conversions

Conversions Part 2

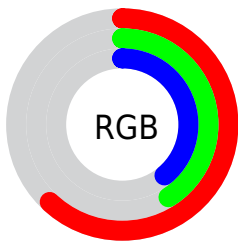
Format	Color
R_{YB}	159, 106, 99
Decimal	10447203
CIE Lab	49.95, 20.87, 12.25
CIE LCh	50, 24.203, 30.405
Yxy	18.3749, 0.3986, 0.3391
Android (android.graphics.Color)	4288637283 (0xFF9F6963)
YUV	120.4620, -10.5808, 33.7978
Hunter-Lab	42.8660, 14.9376, 10.3480

Details

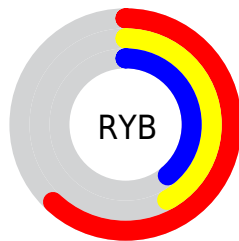
The XYZ color **21.6018, 18.3749, 14.2126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7945, 27.9375, 36.9920**, and the grayscale version is **18.0263, 18.9651, 20.6530**.

A 20% lighter version of the original color is **45.5863, 40.7630, 34.3196**, and **7.9314, 6.1866, 4.1443** is the 20% darker color. If you saturate the color by 10%, you get **19.5784, 15.4271, 10.1499**, and if you desaturate by 10%, it is **24.0211, 21.8748, 19.1460**.

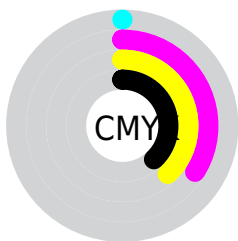
Distribution



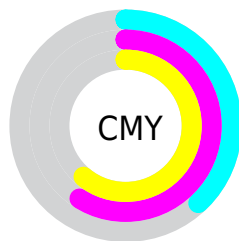
- Red (62%)
- Green (41%)
- Blue (39%)



- Red (62%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (38%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.6018, 18.3749, 14.2126 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 21.6018, 18.3749, 14.2126 by changing the saturation by 10% instead.


 21.6018, 18.3749,
14.2126


 21.6018, 18.3749,
14.2126


253.1313,
242.9758, 230.0237


 13.6796, 11.2195,
8.1282


 45.5707, 40.6751,
34.1883


 7.9783, 6.2147,
4.0882


 62.3482, 56.5887,
48.9168

 4.1328, 2.9760,
1.6738

 82.8080, 76.1905,
67.3637

 1.7775, 1.1192,
0.3427

 107.3157, 99.8648,
89.9475

 0.5041, 0.0000,
0.0000

136.2365,
127.9961, 117.0869

 0.0000, 0.0000,
0.0000

169.9358,

160.9688, 149.2004

208.7789,
199.1672, 186.7065

■ 21.6018, 18.3749,
14.2126

■ 21.6018, 18.3749,
14.2126

■ 19.5784, 15.4271,
10.1499

■ 24.0211, 21.8748,
19.1460

■ 17.9284, 13.0008,
6.9063

■ 26.8544, 25.9503,
24.9956

■ 16.6291, 11.0662,
4.4264


■ 30.1203, 30.6265,
31.8049


■ 15.6549, 9.5896,
2.6474


■ 33.8361, 35.9266,
39.6144


■ 14.9766, 8.5330,
1.4964


■ 38.0178, 41.8723,
48.4622


 14.5532, 7.8496,
0.8515

 42.6810, 48.4843,
58.3843

 14.4820, 7.7388,
0.7305

 47.8402, 55.7824,
69.4153

 53.5095, 63.7856,
81.5879

 59.7025, 72.5122,
94.9337

Harmonies

Analogous

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



22.3164, 18.3749, 19.9170



21.6018, 18.3749, 14.2126



19.7619, 18.3749, 10.8271

Triad

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



21.6018, 18.3749, 14.2126



13.8658, 18.3749, 14.3375



17.4963, 18.3749, 35.6954

Complementary

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



21.6018, 18.3749, 14.2126



22.7945, 27.9375, 36.9920

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.



15.3530, 18.3749, 33.2996



21.6018, 18.3749, 14.2126



13.3729, 18.3749, 20.0976

Square

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



21.6018, 18.3749, 14.2126



15.3029, 18.3749, 10.8872



13.8929, 18.3749, 27.1949



19.8213, 18.3749, 33.1730

Rectangle

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



21.6018, 18.3749, 14.2126



18.2190, 18.3749, 9.8687



13.8929, 18.3749, 27.1949



16.7317, 18.3749, 35.4336

Sweetspot

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



21.6023, 18.3758, 14.2130



51.8210, 51.8153, 52.5238



24.5098, 18.5947, 32.4344



11.5143, 11.4403, 11.4895



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6023, 18.3758, 14.2130



35.6921, 28.5482, 19.4304



25.2143, 25.5999, 15.4170



6.6838, 6.7477, 6.9358



11.4540, 6.1437, 0.5822



0.2185, 0.1373, 0.0150

Inverse Universe

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



22.7945, 27.9375, 36.9920



38.1185, 48.0802, 66.0148



18.4868, 19.3220, 35.5561



6.7651, 7.3960, 8.4777



12.7290, 17.5495, 28.6237



0.2423, 0.3433, 0.5167

Previews

White Background



This preview shows how the XYZ color 21.6018, 18.3749, 14.2126 looks on a white background.

Color Contrast Check

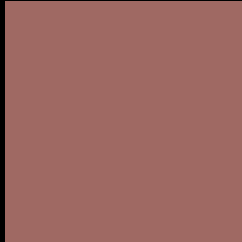
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6018, 18.3749, 14.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

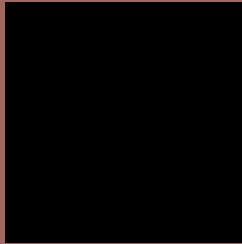
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6018, 18.3749, 14.2126

Background



This preview shows how black text looks on a background with the XYZ color 21.6018, 18.3749, 14.2126.

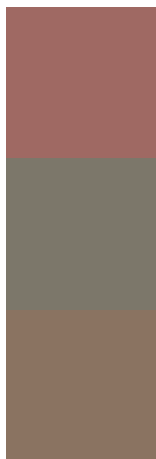


This preview shows how white text looks on a background with the XYZ color 21.6018, 18.3749,

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

21.6018, 18.3749, 14.2126

Protanopia

17.5105, 18.5193, 16.2874

Deuteranopia

18.7696, 18.5278, 13.8962



Tritanopia

22.2167, 18.3218, 17.4044

Trichromacy



Original Color

21.6018, 18.3749, 14.2126

Protanomaly

18.7820, 18.3323, 15.3805

Deuteranomaly

19.7431, 18.3617, 14.0589

Tritanomaly

22.1014, 18.4357, 16.3035

Monochromacy



Original Color

21.6018, 18.3749, 14.2126

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8869, 18.4997, 17.9046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6018, 18.3749, 14.2126 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(159, 105, 99)` looks like.

```
.text, #text, p{  
    color:rgb(159, 105, 99)  
}
```

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(159, 105, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 105, 99) }
```

Border

The CSS property to change the border of an element to XYZ 21.6018, 18.3749, 14.2126 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(159, 105, 99) }
```


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

```
.border{ border-color:rgb(159, 105, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 105, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 105, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 105, 99);  
box-shadow:4px 4px 4px 4px rgb(159, 105,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6018, 18.3749, 14.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 105, 99) }
```

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

```
.background{ background-color: rgb(159,  
105, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor