

Converting Colors

XYZ(21.7649, 16.1662, 14.4571)

Have a look what the booklet for
XYZ(21.7649, 16.1662, 14.4571)
contains.

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Color

**XYZ(21.8243, 16.1542,
14.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	A75866
RGB	167, 88, 102
RGB Percent	65%, 35%, 40%
CMY	0.3451, 0.6549, 0.6000
CMYK	0.00, 0.47, 0.39, 0.35
HSL	349°, 31%, 50%
HSV	349°, 47%, 65%
XYZ	21.8243, 16.1542, 14.5382
YIQ	113.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

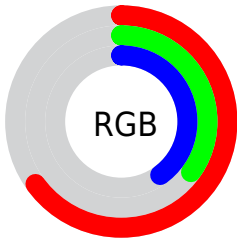
Format	Color
R_{YB}	167, 88, 102
Decimal	10967142
CIE _{Lab}	47.18, 33.86, 6.70
CIE _{LCh}	47, 34.521, 11.194
Yxy	16.1542, 0.4156, 0.3076
Android (android.graphics.Color)	4289157222 (0xFFA75866)
YUV	113.2170, -5.5300, 47.1677
Hunter-Lab	40.1923, 26.5885, 6.6885

Details

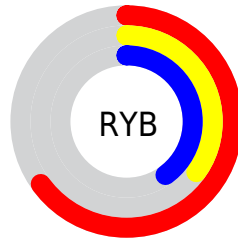
The XYZ color **21.8243, 16.1542, 14.5382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5937, 32.0123, 35.0741**, and the grayscale version is **15.7679, 16.5891, 18.0655**.

A 20% lighter version of the original color is **45.8683, 36.9034, 34.8425**, and **8.0972, 5.1716, 4.1859** is the 20% darker color. If you saturate the color by 10%, you get **19.9812, 13.4697, 10.8358**, and if you desaturate by 10%, it is **24.0952, 19.5135, 18.9409**.

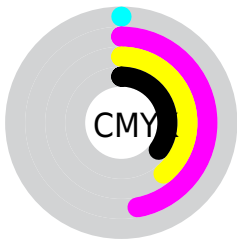
Distribution



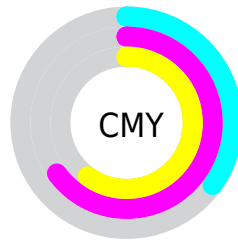
- Red (65%)
- Green (35%)
- Blue (40%)



- Red (65%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8243, 16.1542, 14.5382 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 21.8243, 16.1542, 14.5382 by changing the saturation by 10% instead.

■ 21.8243, 16.1542,
14.5382

■ 21.8243, 16.1542,
14.5382

254.2770,
230.2499, 232.0975

■ 13.8437, 9.6333,
8.3529

■ 45.9364, 36.8657,
34.7717

■ 8.0930, 5.1565,
4.2306

■ 62.7987, 51.8251,
49.6571

■ 4.2068, 2.3394,
1.7527

■ 83.3523, 70.3662,
68.2796

■ 1.8198, 0.7944,
0.3965

■ 107.9626, 92.8733,
91.0577

■ 0.5296, 0.0000,
0.0000

■ 136.9948,
119.7308, 118.4100

■ 0.0000, 0.0000,
0.0000

170.8144,

151.3232, 150.7550

209.7866,
188.0347, 188.5113

■ 21.8243, 16.1542,
14.5382

■ 21.8243, 16.1542,
14.5382

■ 19.9812, 13.4697,
10.8358

■ 24.0952, 19.5135,
18.9409

■ 18.5374, 11.4119,
7.7962

■ 26.8176, 23.5866,
24.0769

■ 17.4627, 9.9301,
5.3798


■ 30.0147, 28.4124,
29.9779


■ 16.7221, 8.9649,
3.5422

■ 33.7080, 34.0263,
36.6739

■ 16.2639, 8.4247,
2.2295


■ 37.9175, 40.4614,
44.1929

 16.1654, 8.3071,
1.9523

 42.6620, 47.7489,
52.5617

 47.9597, 55.9184,
61.8059

 53.8275, 64.9981,
71.9499

 60.2820, 75.0150,
83.0172

Harmonies

Analogous

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



21.5716, 16.1542, 23.5498



21.8243, 16.1542, 14.5382



20.1806, 16.1542, 8.7139

Triad

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



21.8243, 16.1542, 14.5382



11.8203, 16.1542, 7.7675



13.5476, 16.1542, 38.6444

Complementary

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



21.8243, 16.1542, 14.5382



23.5937, 32.0123, 35.0741

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.



11.3659, 16.1542, 31.0626



21.8243, 16.1542, 14.5382



10.4632, 16.1542, 12.7301

Square

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



21.8243, 16.1542, 14.5382



14.2481, 16.1542, 5.7556



10.3086, 16.1542, 21.0397



16.5158, 16.1542, 39.6237

Rectangle

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



21.8243, 16.1542, 14.5382



18.3431, 16.1542, 6.6279



10.3086, 16.1542, 21.0397



12.7088, 16.1542, 36.6898

Sweetspot

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



21.8247, 16.1550, 14.5385



55.6756, 53.7982, 57.1919



23.5111, 16.4957, 38.5039



12.1633, 11.5902, 12.2593



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.8247, 16.1550, 14.5385



35.5730, 23.8177, 18.9698



23.6053, 20.7348, 11.9916



7.5834, 7.5632, 8.1232



12.3834, 6.3621, 1.5646



0.3165, 0.1609, 0.1182

Inverse Universe

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



21.8247, 16.1550, 14.5385



35.5730, 23.8177, 18.9698



20.6707, 24.2064, 40.1420



7.5834, 7.5632, 8.1232



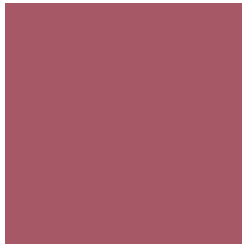
12.3834, 6.3621, 1.5646



0.3165, 0.1609, 0.1182

Previews

White Background



This preview shows how the XYZ color 21.8243, 16.1542, 14.5382 looks on a white background.

Color Contrast Check

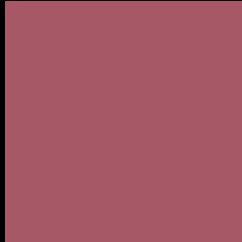
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8243, 16.1542, 14.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

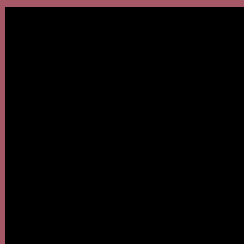
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.8243, 16.1542, 14.5382

Background



This preview shows how black text looks on a background with the XYZ color 21.8243, 16.1542, 14.5382.



This preview shows how white text looks on a background with the XYZ color 21.8243, 16.1542,

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

21.8243, 16.1542, 14.5382

Protanopia

15.8281, 16.4036, 18.5516

Deuteranopia

16.5168, 16.2152, 14.0637



Tritanopia

21.4096, 16.0963, 13.0448

Trichromacy



Original Color

21.8243, 16.1542, 14.5382

Protanomaly

17.3376, 15.8128, 16.8902

Deuteranomaly

18.1093, 15.9782, 14.1862

Tritanomaly

21.5029, 16.1336, 13.5360

Monochromacy



Original Color

21.8243, 16.1542, 14.5382

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.3835, 15.9913, 16.6384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8243, 16.1542, 14.5382 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(167, 88, 102)` looks like.

```
.text, #text, p{  
    color:rgb(167, 88, 102)  
}
```

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(167, 88, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 88, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.8243, 16.1542, 14.5382 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(167, 88, 102) }
```


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

```
.border{ border-color:rgb(167, 88, 102) }
```

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

Here you see how a box with a 4 pixel rgb(167, 88, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 88, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 88, 102);  
box-shadow:4px 4px 4px 4px rgb(167, 88,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8243, 16.1542, 14.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 88, 102) }
```

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

```
.background{ background-color: rgb(167, 88,  
102) }
```

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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