

Converting Colors

XYZ(21.6707, 19.1883, 16.5336)

Have a look what the booklet for
XYZ(21.6707, 19.1883, 16.5336)
contains.

XYZ(21.5562, 19.0834, 16.4573)	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(21.5562, 19.0834,
16.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6E6B
RGB	154, 110, 107
RGB Percent	60%, 43%, 42%
CMY	0.3961, 0.5686, 0.5804
CMYK	0.00, 0.29, 0.31, 0.40
HSL	4°, 19%, 51%
HSV	4°, 31%, 60%
XYZ	21.5562, 19.0834, 16.4573
YIQ	122.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

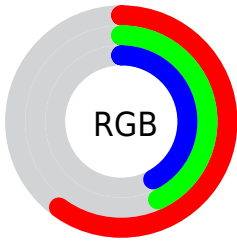
Format	Color
R_{YB}	154, 110, 107
Decimal	10120811
CIE _{Lab}	50.78, 17.05, 8.61
CIE _{LCh}	51, 19.102, 26.790
Yxy	19.0834, 0.3775, 0.3342
Android (android.graphics.Color)	4288310891 (0xFF9A6E6B)
YUV	122.8140, -7.7963, 27.3501
Hunter-Lab	43.6846, 11.6331, 8.2428

Details

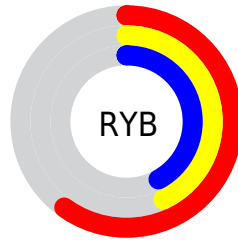
The XYZ color **21.5562, 19.0834, 16.4573** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9625, 27.5913, 34.6873**, and the grayscale version is **18.7845, 19.7627, 21.5216**.

A 20% lighter version of the original color is **45.3864, 41.8646, 38.0363**, and **8.0177, 6.5963, 5.1256** is the 20% darker color. If you saturate the color by 10%, you get **19.3862, 15.9265, 12.0864**, and if you desaturate by 10%, it is **24.1246, 22.8059, 21.6734**.

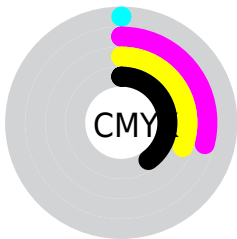
Distribution



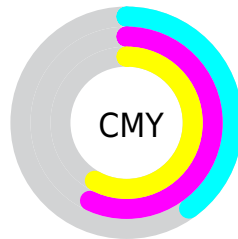
- Red (60%)
- Green (43%)
- Blue (42%)



- Red (60%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5562, 19.0834, 16.4573 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 21.5562, 19.0834, 16.4573 by changing the saturation by 10% instead.

■ 21.5562, 19.0834,
16.4573

■ 21.5562, 19.0834,
16.4573

252.8960,
246.9088, 243.9624

■ 13.6459, 11.7306,
9.6905

■ 45.4957, 41.8750,
38.1681

■ 7.9549, 6.5605,
5.0913

■ 62.2557, 58.0825,
53.9491

■ 4.1176, 3.1888,
2.2413

■ 82.6963, 78.0104,
73.5720

■ 1.7689, 1.2311,
0.6980

■ 107.1829,
102.0430, 97.4552

■ 0.4988, 0.0869,
0.0000

136.0808,
130.5647, 126.0173

■ 0.0000, 0.0000,
0.0000

169.7553,

163.9600, 159.6768

208.5719,
202.6133, 198.8523

■ 21.5562, 19.0834,
16.4573

■ 21.5562, 19.0834,
16.4573

■ 19.3862, 15.9265,
12.0864

■ 24.1246, 22.8059,
21.6734

■ 17.5932, 13.3051,
8.5150

■ 27.1084, 27.1171,
27.7747

■ 16.1561, 11.1901,
5.6952

■ 30.5254, 32.0417,
34.8000


■ 15.0511, 9.5490,
3.5732


■ 34.3920, 37.6026,
42.7855


■ 14.2515, 8.3451,
2.0880


■ 38.7235, 43.8212,
51.7654


 13.7264, 7.5365,
1.1684

 43.5349, 50.7182,
61.7724

 13.4333, 7.0836,
0.6593

 48.8402, 58.3132,
72.8375

 54.6529, 66.6250,
84.9905

 60.9860, 75.6717,
98.2600

Harmonies

Analogous

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



21.9876, 19.0834, 21.3630



21.5562, 19.0834, 16.4573



20.1886, 19.0834, 13.2717

Triad

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



21.5562, 19.0834, 16.4573



15.2817, 19.0834, 15.6137



17.9368, 19.0834, 32.9083

Complementary

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



21.5562, 19.0834, 16.4573



22.9625, 27.5913, 34.6873

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.



16.2315, 19.0834, 30.6874



21.5562, 19.0834, 16.4573



14.7666, 19.0834, 20.2050

Square

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



21.5562, 19.0834, 16.4573



16.5589, 19.0834, 12.8469



15.1021, 19.0834, 25.7969



19.8149, 19.0834, 31.4444

Rectangle

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



21.5562, 19.0834, 16.4573



18.9759, 19.0834, 12.2494



15.1021, 19.0834, 25.7969



17.3255, 19.0834, 32.5598

Sweetspot

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



21.5567, 19.0843, 16.4577



50.0290, 50.3920, 52.0641



24.2232, 19.6412, 32.0702



11.1420, 11.1437, 11.4115



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.



21.5567, 19.0843, 16.4577



36.2410, 30.4247, 24.0116



24.3474, 24.6658, 17.3879



6.2389, 6.2829, 6.4897



10.9547, 5.7917, 0.5405



0.1712, 0.1014, 0.0105

Inverse Universe

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



22.9625, 27.5913, 34.6873



39.2306, 48.5345, 62.8367



19.6351, 20.9366, 33.5782



6.3508, 6.9589, 7.9375



12.9073, 18.2112, 27.7425



0.2017, 0.2898, 0.4177

Previews

White Background



This preview shows how the XYZ color 21.5562, 19.0834, 16.4573 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 21.5562, 19.0834, 16.4573 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 21.5562, 19.0834, 16.4573

Background



This preview shows how black text looks on a background with the XYZ color 21.5562, 19.0834, 16.4573.



This preview shows how white text looks on a background with the XYZ color 21.5562, 19.0834,

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

21.5562, 19.0834, 16.4573

Protanopia

18.2755, 19.2270, 18.3707

Deuteranopia

19.4440, 19.1665, 16.3104



Tritanopia

22.1971, 19.1902, 19.3638

Trichromacy



Original Color

21.5562, 19.0834, 16.4573

Protanomaly

19.3839, 19.1045, 17.7048

Deuteranomaly

20.1204, 19.0045, 16.2434

Tritanomaly

21.9668, 19.0981, 18.1513

Monochromacy



Original Color

21.5562, 19.0834, 16.4573

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.5208, 19.3096, 19.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5562, 19.0834, 16.4573 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, 110, 107)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 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(154, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 107) }
```

Border

The CSS property to change the border of an element to XYZ 21.5562, 19.0834, 16.4573 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, 110, 107) }
```


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

```
.border{ border-color:rgb(154, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5562, 19.0834, 16.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 110, 107) }
```

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

```
.background{ background-color: rgb(154,  
110, 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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