

Converting Colors

XYZ(21.6205, 21.1942, 15.7833)

Have a look what the booklet for
XYZ(21.6205, 21.1942, 15.7833)
contains.

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Color

**XYZ(21.6205, 21.1942,
15.7833)**

Conversions

Conversions Part 1

Format	Color
Hex	947A67
RGB	148, 122, 103
RGB Percent	58%, 48%, 40%
CMY	0.4196, 0.5216, 0.5961
CMYK	0.00, 0.18, 0.30, 0.42
HSL	25°, 18%, 49%
HSV	25°, 30%, 58%
XYZ	21.6205, 21.1942, 15.7833
YIQ	127.6080, 21.5950, -0.3970

Conversions

Conversions Part 2

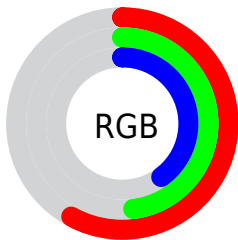
Format	Color
R_{YB}	148, 136, 103
Decimal	9730663
CIE _{Lab}	53.16, 7.11, 14.18
CIE _{LCh}	53, 15.865, 63.374
Yxy	21.1942, 0.3690, 0.3617
Android (android.graphics.Color)	4287920743 (0xFF947A67)
YUV	127.6080, -12.1317, 17.8838
Hunter-Lab	46.0372, 3.2642, 11.8991

Details

The XYZ color **21.6205, 21.1942, 15.7833** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7890, 20.7218, 31.0267**, and the grayscale version is **20.4180, 21.4813, 23.3931**.

A 20% lighter version of the original color is **45.5974, 45.3017, 36.9127**, and **7.9202, 7.5374, 4.7788** is the 20% darker color. If you saturate the color by 10%, you get **19.9385, 18.9155, 11.8764**, and if you desaturate by 10%, it is **23.5276, 23.7122, 20.4145**.

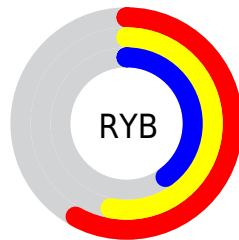
Distribution



Red (58%)

Green (48%)

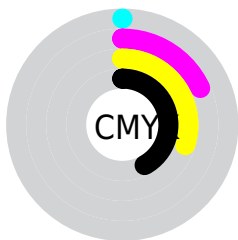
Blue (40%)



Red (58%)

Yellow (53%)

Blue (40%)

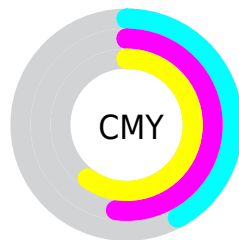


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6205, 21.1942, 15.7833 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 21.6205, 21.1942, 15.7833 by changing the saturation by 10% instead.

■ 21.6205, 21.1942,
15.7833

■ 21.6205, 21.1942,
15.7833

253.2278,
258.3088, 239.8615

■ 13.6934, 13.2660,
9.2183

■ 45.6015, 45.4105,
36.9831

■ 7.9880, 7.6120,
4.7851

■ 62.3861, 62.4674,
52.4550

■ 4.1390, 3.8477,
2.0652

■ 82.8538, 83.3361,
71.7329

■ 1.7811, 1.5887,
0.5949

■ 107.3701,
108.4008, 95.2353

■ 0.5062, 0.3500,
0.0000

136.3003,
138.0461, 123.3809

■ 0.0000, 0.0000,
0.0000

170.0097,

172.6562, 156.5880

208.8638,
212.6157, 195.2754

■ 21.6205, 21.1942,
15.7833

■ 21.6205, 21.1942,
15.7833

■ 19.9385, 18.9155,
11.8764

■ 23.5276, 23.7122,
20.4145

■ 18.4705, 16.8657,
8.6551

■ 25.6667, 26.4738,
25.8032

■ 17.2071, 15.0378,
6.0793

■ 28.0466, 29.4867,
31.9824

■ 16.1373, 13.4234,
4.1037

■ 30.6752, 32.7574,
38.9823

■ 15.2488, 12.0131,
2.6775

■ 33.5598, 36.2922,
46.8319

■ 14.5278, 10.7969,
1.7409

■ 36.7074, 40.0972,
55.5587

■ 13.9627, 9.7956,
1.1548

■ 40.1250, 44.1782,
65.1887

■ 43.8190, 48.5407,
75.7472

■ 47.7958, 53.1904,
87.2581

Harmonies

Analogous

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



22.9514, 21.1942, 18.3718



21.6205, 21.1942, 15.7833



19.9558, 21.1942, 15.0491

Triad

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



21.6205, 21.1942, 15.7833



17.1014, 21.1942, 23.6232



21.9660, 21.1942, 31.6552

Complementary

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



21.6205, 21.1942, 15.7833



18.7890, 20.7218, 31.0267

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.



20.3343, 21.1942, 33.5471



21.6205, 21.1942, 15.7833



17.5762, 21.1942, 28.5237

Square

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



21.6205, 21.1942, 15.7833



17.4040, 21.1942, 19.1901



18.7372, 21.1942, 32.3291



23.1585, 21.1942, 27.4560

Rectangle

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



21.6205, 21.1942, 15.7833



18.8953, 21.1942, 15.6124



18.7372, 21.1942, 32.3291



21.4475, 21.1942, 32.6066

Sweetspot

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



21.6211, 21.1952, 15.7837



45.7786, 47.3386, 46.7880



21.0423, 17.5883, 23.1422



10.3276, 10.6498, 10.3664



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.6211, 21.1952, 15.7837



36.2296, 34.8100, 23.3521



24.6724, 27.2978, 16.8008



5.9901, 6.1939, 6.1203



11.9522, 8.4188, 0.9950



0.1744, 0.1593, 0.0216

Inverse Universe

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



18.7890, 20.7218, 31.0267



30.4657, 33.8421, 54.3611



16.1707, 15.4853, 30.1539



5.7610, 6.1559, 7.3543



7.4017, 7.4982, 24.9882



0.1198, 0.1503, 0.3156

Previews

White Background



This preview shows how the XYZ color 21.6205, 21.1942, 15.7833 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 21.6205, 21.1942, 15.7833 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 21.6205, 21.1942, 15.7833

Background



This preview shows how black text looks on a background with the XYZ color 21.6205, 21.1942, 15.7833.



This preview shows how white text looks on a background with the XYZ color 21.6205, 21.1942,

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

21.6205, 21.1942, 15.7833

Protanopia

19.9707, 21.2670, 16.4170

Deuteranopia

21.6205, 21.1942, 15.7833



Tritanopia

23.2556, 21.3315, 23.3138

Trichromacy



Original Color

21.6205, 21.1942, 15.7833

Protanomaly

20.4798, 21.1557, 16.1008

Deuteranomaly

21.6205, 21.1942, 15.7833

Tritanomaly

22.6239, 21.2489, 20.3618

Monochromacy



Original Color

21.6205, 21.1942, 15.7833

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7823, 21.4045, 20.4889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6205, 21.1942, 15.7833 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(148, 122, 103) looks like.

```
.text, #text, p{  
    color:rgb(148, 122, 103)  
}
```

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(148, 122, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 122, 103) }
```

Border

The CSS property to change the border of an element to XYZ 21.6205, 21.1942, 15.7833 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(148, 122, 103) }
```


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

```
.border{ border-color:rgb(148, 122, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 122, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 122, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 122, 103);  
box-shadow:4px 4px 4px 4px rgb(148, 122,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6205, 21.1942, 15.7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 122, 103) }
```

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

```
.background{ background-color: rgb(148,  
122, 103) }
```

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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