

Converting Colors

XYZ(21.5843, 16.0592, 13.2800)

Have a look what the booklet for
XYZ(21.5843, 16.0592, 13.2800)
contains.

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Color

**XYZ(21.5837, 16.0580,
13.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	A75861
RGB	167, 88, 97
RGB Percent	65%, 35%, 38%
CMY	0.3451, 0.6549, 0.6196
CMYK	0.00, 0.47, 0.42, 0.35
HSL	353°, 31%, 50%
HSV	353°, 47%, 65%
XYZ	21.5837, 16.0580, 13.2712
YIQ	112.6470, 44.1950, 19.5470

Conversions

Conversions Part 2

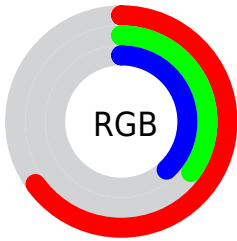
Format	Color
RYB	167, 88, 97
Decimal	10967137
CIELab	47.05, 33.28, 9.55
CIElCh	47, 34.619, 16.005
Yxy	16.0580, 0.4239, 0.3154
Android (android.graphics.Color)	4289157217 (0xFFA75861)
YUV	112.6470, -7.7140, 47.6676
Hunter-Lab	40.0724, 26.0164, 8.4150

Details

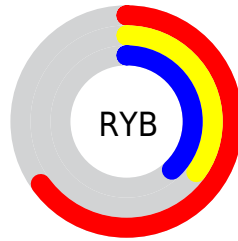
The XYZ color **21.5837, 16.0580, 13.2712** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0155, 32.1810, 37.2954**, and the grayscale version is **15.6049, 16.4176, 17.8788**.

A 20% lighter version of the original color is **45.6959, 36.8703, 32.3120**, and **8.0052, 5.1348, 3.7012** is the 20% darker color. If you saturate the color by 10%, you get **19.7397, 13.3731, 9.5640**, and if you desaturate by 10%, it is **23.8713, 19.4240, 17.7617**.

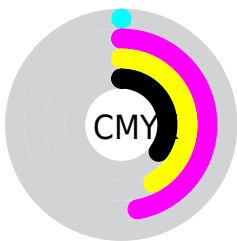
Distribution



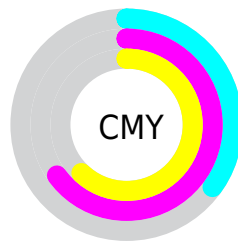
- Red (65%)
- Green (35%)
- Blue (38%)



- Red (65%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (42%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5837, 16.0580, 13.2712 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 21.5837, 16.0580, 13.2712 by changing the saturation by 10% instead.

■ 21.5837, 16.0580,
13.2712

■ 21.5837, 16.0580,
13.2712

253.0379,
229.6837, 223.9170

■ 13.6662, 9.5652,
7.4826

■ 45.5410, 36.6989,
32.4885

■ 7.9690, 5.1116,
3.6827

■ 62.3115, 51.6157,
46.7542

■ 4.1268, 2.3129,
1.4530

■ 82.7637, 70.1094,
64.6828

■ 1.7741, 0.7805,
0.1825

■ 107.2630, 92.5643,
86.6928

■ 0.5020, 0.0000,
0.0000

■ 136.1747,
119.3647, 113.2026

■ 0.0000, 0.0000,
0.0000

169.8642,

150.8952, 144.6309

208.6968,
187.5401, 181.3962

■ 21.5837, 16.0580,
13.2712

■ 21.5837, 16.0580,
13.2712

■ 19.7397, 13.3731,
9.5640

■ 23.8713, 19.4240,
17.7617

■ 18.3091, 11.3206,
6.5941

■ 26.6275, 23.5107,
23.0759

■ 17.2599, 9.8491,
4.3122


■ 29.8770, 28.3574,
29.2527


■ 16.5550, 8.8981,
2.6625


■ 33.6423, 34.0001,
36.3281


■ 16.1399, 8.3752,
1.5770


■ 37.9447, 40.4724,
44.3361

 16.0540, 8.2625,
1.3656

 42.8039, 47.8057,
53.3089

 48.2391, 56.0303,
63.2772

 54.2682, 65.1745,
74.2704

 60.9085, 75.2657,
86.3165

Harmonies

Analogous

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



21.6505, 16.0580, 21.8431



21.5837, 16.0580, 13.2712



19.6830, 16.0580, 8.0102

Triad

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



21.5837, 16.0580, 13.2712



11.4394, 16.0580, 8.2591



13.8951, 16.0580, 39.2173

Complementary

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



21.5837, 16.0580, 13.2712



24.0155, 32.1810, 37.2954

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.



11.5592, 16.0580, 32.4649



21.5837, 16.0580, 13.2712



10.2738, 16.0580, 13.7480

Square

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



21.5837, 16.0580, 13.2712



13.7103, 16.0580, 5.8414



10.3146, 16.0580, 22.5065



16.9280, 16.0580, 38.9579

Rectangle

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



21.5837, 16.0580, 13.2712



17.7595, 16.0580, 6.2331



10.3146, 16.0580, 22.5065



13.0115, 16.0580, 37.6157

Sweetspot

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



21.5841, 16.0588, 13.2715



55.4644, 53.7137, 56.0799



24.5232, 17.0175, 38.5512



12.1105, 11.5690, 11.9814



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.



21.5841, 16.0588, 13.2715



35.1413, 23.6450, 16.6968



24.2101, 21.9445, 12.1933



7.5646, 7.5557, 8.0242



12.2946, 6.3266, 1.0970



0.3094, 0.1580, 0.0809

Inverse Universe

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



21.5841, 16.0588, 13.2715



35.1413, 23.6450, 16.6968



19.9057, 22.6763, 39.8869



7.5646, 7.5557, 8.0242



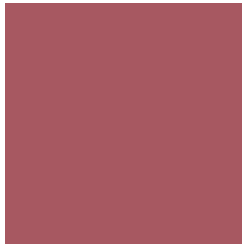
12.2946, 6.3266, 1.0970



0.3094, 0.1580, 0.0809

Previews

White Background



This preview shows how the XYZ color 21.5837, 16.0580, 13.2712 looks on a white background.

Color Contrast Check

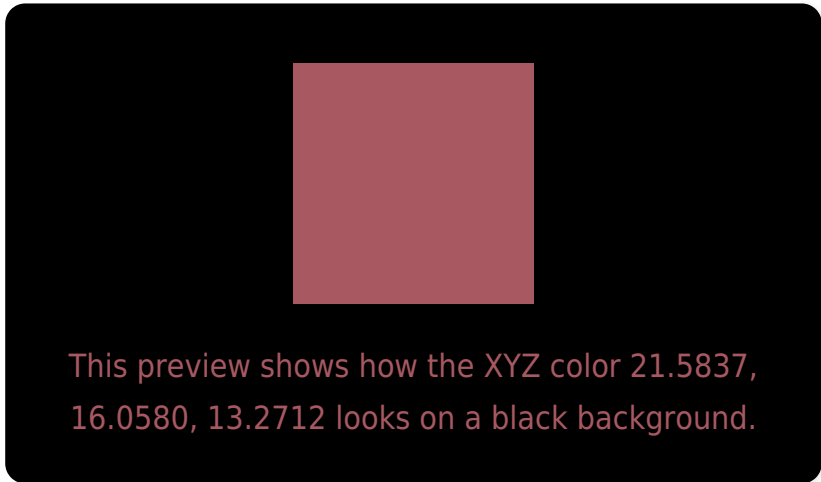
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 21.5837, 16.0580, 13.2712

Background



This preview shows how black text looks on a background with the XYZ color 21.5837, 16.0580, 13.2712.



This preview shows how white text looks on a background with the XYZ color 21.5837, 16.0580,

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

21.5837, 16.0580, 13.2712

Protanopia

15.6247, 16.3373, 16.7979

Deuteranopia

16.4362, 16.2004, 12.8504



Tritanopia

21.4916, 16.0212, 12.7861

Trichromacy



Original Color

21.5837, 16.0580, 13.2712

Protanomaly

17.2316, 15.7887, 15.5039

Deuteranomaly

18.0469, 15.9732, 12.9584

Tritanomaly

21.5374, 16.0395, 13.0271

Monochromacy



Original Color

21.5837, 16.0580, 13.2712

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.2770, 15.9487, 16.0777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5837, 16.0580, 13.2712 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(167, 88, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 88, 97) }
```

Border

The CSS property to change the border of an element to XYZ 21.5837, 16.0580, 13.2712 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, 97) }
```


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

```
.border{ border-color:rgb(167, 88, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 88, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 88, 97);  
box-shadow:4px 4px 4px 4px rgb(167, 88,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5837, 16.0580, 13.2712 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, 97) }
```

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

```
.background{ background-color: rgb(167, 88,  
97) }
```

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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