

Converting Colors

XYZ(21.1151, 16.3985, 13.9448)

Have a look what the booklet for
XYZ(21.1151, 16.3985, 13.9448)
contains.

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Color

**XYZ(21.0668, 16.4109,
13.8617)**

Conversions

Conversions Part 1

Format	Color
Hex	A25D63
RGB	162, 93, 99
RGB Percent	64%, 36%, 39%
CMY	0.3647, 0.6353, 0.6118
CMYK	0.00, 0.43, 0.39, 0.36
HSL	355°, 27%, 50%
HSV	355°, 43%, 64%
XYZ	21.0668, 16.4109, 13.8617
YIQ	114.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

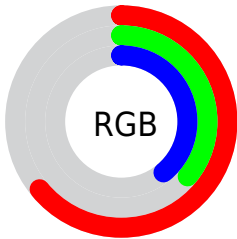
Format	Color
R_{YB}	162, 93, 99
Decimal	10640739
CIE _{Lab}	47.51, 28.85, 8.89
CIE _{LCh}	48, 30.184, 17.123
Yxy	16.4109, 0.4103, 0.3197
Android (android.graphics.Color)	4288830819 (0xFFA25D63)
YUV	114.3150, -7.5503, 41.8197
Hunter-Lab	40.5104, 21.9331, 8.0696

Details

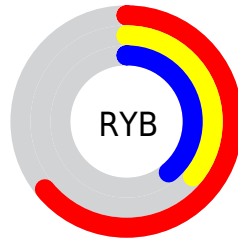
The XYZ color **21.0668, 16.4109, 13.8617** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4361, 30.5685, 36.1192**, and the grayscale version is **16.1030, 16.9416, 18.4494**.

A 20% lighter version of the original color is **44.6917, 37.2086, 33.6806**, and **7.7653, 5.3220, 3.9861** is the 20% darker color. If you saturate the color by 10%, you get **19.1490, 13.6052, 10.0473**, and if you desaturate by 10%, it is **23.4163, 19.8725, 18.4595**.

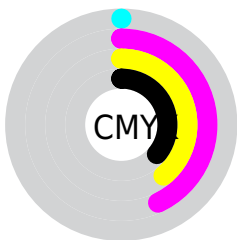
Distribution



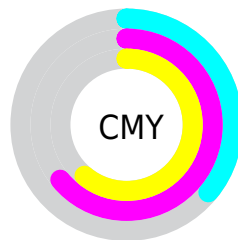
- Red (64%)
- Green (36%)
- Blue (39%)



- Red (64%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0668, 16.4109, 13.8617 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 21.0668, 16.4109, 13.8617 by changing the saturation by 10% instead.

■ 21.0668, 16.4109,
13.8617

■ 21.0668, 16.4109,
13.8617

250.3583,
231.7543, 227.7672

■ 13.2856, 9.8154,
7.8869

■ 44.6891, 37.3101,
33.5570

■ 7.7038, 5.2767,
3.9359

■ 61.2609, 52.3826,
48.1146

■ 3.9562, 2.4105,
1.5903

■ 81.4936, 71.0494,
66.3702

■ 1.6774, 0.8313,
0.2839

■ 105.7526, 93.6952,
88.7423

■ 0.4421, 0.0000,
0.0000

134.4032,
120.7041, 115.6496

■ 0.0000, 0.0000,
0.0000

167.8108,

152.4607, 147.5104

206.3407,
189.3493, 184.7435

■ 21.0668, 16.4109,
13.8617

■ 21.0668, 16.4109,
13.8617

■ 19.1490, 13.6052,
10.0473

■ 23.4163, 19.8725,
18.4595

■ 17.6352, 11.4117,
6.9715

■ 26.2201, 24.0252,
23.8799

■ 16.4968, 9.7853,
4.5867


■ 29.5011, 28.9045,
30.1608


■ 15.7006, 8.6737,
2.8393


■ 33.2800, 34.5429,
37.3375

■ 15.2078, 8.0148,
1.6675


■ 37.5763, 40.9708,
45.4431

 14.9801, 7.7133,
1.1176

 42.4086, 48.2171,
54.5091

 47.7945, 56.3091,
64.5658

 53.7507, 65.2729,
75.6417

 60.2935, 75.1335,
87.7645

Harmonies

Analogous

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



21.1879, 16.4109, 21.3683



21.0668, 16.4109, 13.8617



19.3788, 16.4109, 9.0803

Triad

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



21.0668, 16.4109, 13.8617



12.1143, 16.4109, 9.5821



14.4762, 16.4109, 36.4913

Complementary

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



21.0668, 16.4109, 13.8617



23.4361, 30.5685, 36.1192

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.



12.3441, 16.4109, 31.0318



21.0668, 16.4109, 13.8617



11.0895, 16.4109, 14.7736

Square

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



21.0668, 16.4109, 13.8617



14.1278, 16.4109, 7.1405



11.1685, 16.4109, 22.5818



17.1670, 16.4109, 36.0372

Rectangle

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



21.0668, 16.4109, 13.8617



17.6911, 16.4109, 7.4193



11.1685, 16.4109, 22.5818



13.6770, 16.4109, 35.2333

Sweetspot

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



21.0672, 16.4117, 13.8620



53.1383, 51.8500, 53.9559



23.9732, 17.4166, 36.2807



11.6365, 11.2014, 11.5492



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.0672, 16.4117, 13.8620



34.9573, 24.9814, 18.6288



23.6655, 22.0501, 13.3657



7.0976, 7.0955, 7.5004



11.8091, 6.0797, 0.9196



0.2552, 0.1306, 0.0563

Inverse Universe

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



21.0672, 16.4117, 13.8620



34.9573, 24.9814, 18.6288



19.6170, 22.0975, 37.4138



7.0976, 7.0955, 7.5004



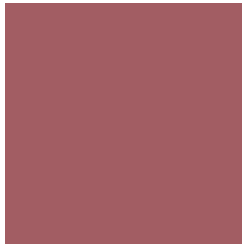
11.8091, 6.0797, 0.9196



0.2552, 0.1306, 0.0563

Previews

White Background



This preview shows how the XYZ color 21.0668, 16.4109, 13.8617 looks on a white background.

Color Contrast Check

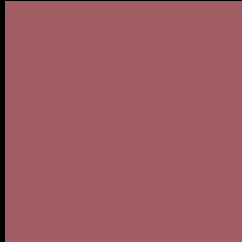
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0668, 16.4109, 13.8617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

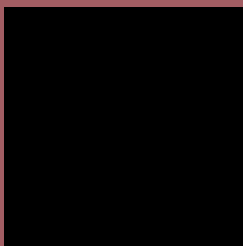
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0668, 16.4109, 13.8617

Background



This preview shows how black text looks on a background with the XYZ color 21.0668, 16.4109, 13.8617.



This preview shows how white text looks on a background with the XYZ color 21.0668, 16.4109,

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

21.0668, 16.4109, 13.8617

Protanopia

15.8679, 16.6274, 16.8411

Deuteranopia

16.7859, 16.5276, 13.3718



Tritanopia

21.1149, 16.4302, 14.1151

Trichromacy



Original Color

21.0668, 16.4109, 13.8617

Protanomaly

17.3767, 16.3145, 15.5978

Deuteranomaly

18.1632, 16.3143, 13.5009

Tritanomaly

21.1149, 16.4302, 14.1151

Monochromacy



Original Color

21.0668, 16.4109, 13.8617

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.2744, 16.2375, 16.6917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0668, 16.4109, 13.8617 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(162, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(162, 93, 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(162, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 93, 99) }
```

Border

The CSS property to change the border of an element to XYZ 21.0668, 16.4109, 13.8617 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(162, 93, 99) }
```


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

```
.border{ border-color:rgb(162, 93, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(162, 93,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0668, 16.4109, 13.8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 93, 99) }
```

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

```
.background{ background-color: rgb(162, 93,  
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](#).

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