

Converting Colors

XYZ(21.8513, 17.7859, 15.8221)

Have a look what the booklet for
XYZ(21.8513, 17.7859, 15.8221)
contains.

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Color

**XYZ(21.8566, 17.7320,
15.9063)**

Conversions

Conversions Part 1

Format	Color
Hex	A1646A
RGB	161, 100, 106
RGB Percent	63%, 39%, 42%
CMY	0.3686, 0.6078, 0.5843
CMYK	0.00, 0.38, 0.34, 0.37
HSL	354°, 24%, 51%
HSV	354°, 38%, 63%
XYZ	21.8566, 17.7320, 15.9063
YIQ	118.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

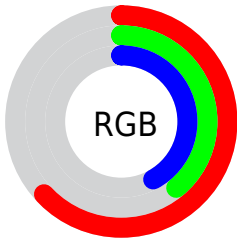
Format	Color
R_{YB}	161, 100, 106
Decimal	10577002
CIE _{Lab}	49.17, 25.42, 7.03
CIE _{LCh}	49, 26.377, 15.452
Yxy	17.7320, 0.3938, 0.3195
Android (android.graphics.Color)	4288767082 (0xFFA1646A)
YUV	118.9230, -6.3710, 36.9015
Hunter-Lab	42.1094, 18.9578, 7.0805

Details

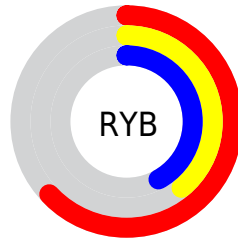
The XYZ color **21.8566, 17.7320, 15.9063** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9176, 30.5660, 35.6512**, and the grayscale version is **17.5225, 18.4351, 20.0758**.

A 20% lighter version of the original color is **45.9293, 39.6425, 37.1293**, and **8.0808, 5.8975, 4.8501** is the 20% darker color. If you saturate the color by 10%, you get **19.7701, 14.6666, 11.7962**, and if you desaturate by 10%, it is **24.3771, 21.4606, 20.7920**.

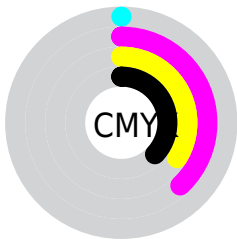
Distribution



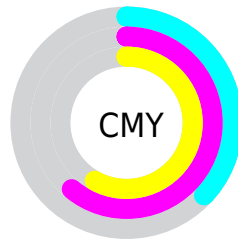
- Red (63%)
- Green (39%)
- Blue (42%)



- Red (63%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (37%)



- Cyan (37%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8566, 17.7320, 15.9063 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 21.8566, 17.7320, 15.9063 by changing the saturation by 10% instead.

■ 21.8566, 17.7320,
15.9063

■ 21.8566, 17.7320,
15.9063

254.4430,
239.3561, 240.6150

■ 13.8676, 10.7577,
9.3042

■ 45.9895, 39.5801,
37.2000

■ 8.1097, 5.9042,
4.8406

■ 62.8641, 55.2228,
52.7287

■ 4.2176, 2.7869,
2.0970

■ 83.4312, 74.5237,
72.0700

■ 1.8260, 1.0215,
0.6140

■ 108.0563, 97.8673,
95.6425

■ 0.5332, 0.0000,
0.0000

137.1047,
125.6379, 123.8647

■ 0.0000, 0.0000,
0.0000

170.9417,

158.2200, 157.1552

209.9326,
195.9979, 195.9324

■ 21.8566, 17.7320,
15.9063

■ 21.8566, 17.7320,
15.9063

■ 19.7701, 14.6666,
11.7962

■ 24.3771, 21.4606,
20.7920

■ 18.0916, 12.2230,
8.4207

■ 27.3526, 25.8853,
26.4894

■ 16.7946, 10.3595,
5.7367


■ 30.8047, 31.0401,
33.0333

■ 15.8490, 9.0278,
3.6961


■ 34.7530, 36.9558,
40.4565


■ 15.2198, 8.1722,
2.2447

■ 39.2161, 43.6616,
48.7897


 14.8515, 7.6976,
1.3145

 44.2117, 51.1850,
58.0625

 14.7902, 7.6140,
1.1736

 49.7565, 59.5524,
68.3029

 55.8665, 68.7888,
79.5378

 62.5572, 78.9183,
91.7931

Harmonies

Analogous

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



21.8797, 17.7320, 22.9281



21.8566, 17.7320, 15.9063



20.4086, 17.7320, 11.1476

Triad

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



21.8566, 17.7320, 15.9063



13.6915, 17.7320, 11.2531



15.6890, 17.7320, 35.6856

Complementary

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



21.8566, 17.7320, 15.9063



23.9176, 30.5660, 35.6512

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.



13.7377, 17.7320, 30.7090



21.8566, 17.7320, 15.9063



12.6632, 17.7320, 16.0890

Square

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



21.8566, 17.7320, 15.9063



15.6202, 17.7320, 8.9431



12.6792, 17.7320, 23.1611



18.1506, 17.7320, 35.6021

Rectangle

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



21.8566, 17.7320, 15.9063



18.9042, 17.7320, 9.3919



12.6792, 17.7320, 23.1611



14.9572, 17.7320, 34.5045

Sweetspot

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



21.8571, 17.7329, 15.9066



53.0186, 52.3758, 55.0959



24.4891, 18.6471, 36.0267



11.4552, 11.2290, 11.7565



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.8571, 17.7329, 15.9066



36.1084, 27.2942, 22.5187



24.2566, 23.0137, 15.2213



7.1008, 7.0968, 7.5170



11.8201, 6.0841, 0.9772



0.2563, 0.1310, 0.0622

Inverse Universe

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



21.8571, 17.7329, 15.9066



36.1084, 27.2942, 22.5187



20.5782, 23.0611, 37.0848



7.1008, 7.0968, 7.5170



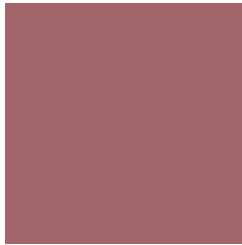
11.8201, 6.0841, 0.9772



0.2563, 0.1310, 0.0622

Previews

White Background



This preview shows how the XYZ color 21.8566, 17.7320, 15.9063 looks on a white background.

Color Contrast Check

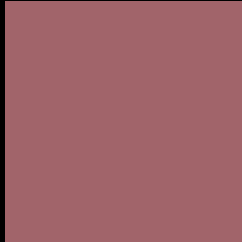
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8566, 17.7320, 15.9063 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 21.8566, 17.7320, 15.9063

Background



This preview shows how black text looks on a background with the XYZ color 21.8566, 17.7320, 15.9063.



This preview shows how white text looks on a background with the XYZ color 21.8566, 17.7320,

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

21.8566, 17.7320, 15.9063

Protanopia

17.2015, 17.9535, 18.7784

Deuteranopia

18.2353, 17.8781, 15.5864



Tritanopia

21.9090, 17.7529, 16.1819

Trichromacy



Original Color

21.8566, 17.7320, 15.9063

Protanomaly

18.6007, 17.6896, 17.7633

Deuteranomaly

19.4140, 17.6743, 15.7529

Tritanomaly

21.9090, 17.7529, 16.1819

Monochromacy



Original Color

21.8566, 17.7320, 15.9063

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.6629, 17.8716, 18.3855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8566, 17.7320, 15.9063 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(161, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 106)  
}
```

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(161, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 106) }
```

Border

The CSS property to change the border of an element to XYZ 21.8566, 17.7320, 15.9063 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(161, 100, 106) }
```


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

```
.border{ border-color:rgb(161, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8566, 17.7320, 15.9063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 106) }
```

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

```
.background{ background-color: rgb(161,  
100, 106) }
```

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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