

Converting Colors

XYZ(21.4261, 17.6068, 18.7197)

Have a look what the booklet for
XYZ(21.4261, 17.6068, 18.7197)
contains.

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Color

**XYZ(21.5164, 17.6362,
18.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6574
RGB	156, 101, 116
RGB Percent	61%, 40%, 45%
CMY	0.3882, 0.6039, 0.5451
CMYK	0.00, 0.35, 0.26, 0.39
HSL	344°, 22%, 50%
HSV	344°, 35%, 61%
XYZ	21.5164, 17.6362, 18.7931
YIQ	119.1550, 27.9650, 16.3250

Conversions

Conversions Part 2

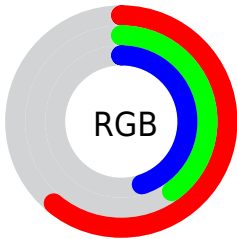
Format	Color
RYB	156, 101, 116
Decimal	10249588
CIELab	49.05, 24.33, 0.80
CIELCh	49, 24.346, 1.891
Yxy	17.6362, 0.3713, 0.3044
Android (android.graphics.Color)	4288439668 (0xFF9C6574)
YUV	119.1550, -1.5554, 32.3131
Hunter-Lab	41.9955, 17.9625, 2.8644

Details

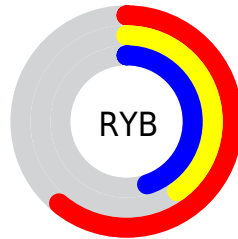
The XYZ color **21.5164, 17.6362, 18.7931** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0638, 28.4672, 29.5325**, and the grayscale version is **17.5826, 18.4983, 20.1446**.

A 20% lighter version of the original color is **45.6105, 39.6067, 42.2867**, and **7.9100, 5.8471, 6.1805** is the 20% darker color. If you saturate the color by 10%, you get **19.5229, 14.6416, 15.0689**, and if you desaturate by 10%, it is **23.8791, 21.2398, 23.0385**.

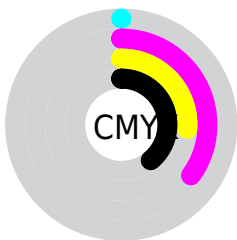
Distribution



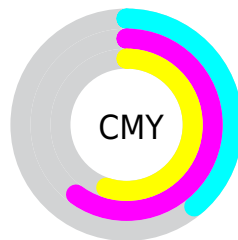
- Red (61%)
- Green (40%)
- Blue (45%)



- Red (61%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (39%)





- Cyan (39%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5164, 17.6362, 18.7931 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 21.5164, 17.6362, 18.7931 by changing the saturation by 10% instead.


 21.5164, 17.6362,
18.7931


 21.5164, 17.6362,
18.7931


252.6904,
238.8124, 257.6887


 13.6166, 10.6891,
11.3456


 45.4302, 39.4164,
42.2162


 7.9344, 5.8582,
6.1827


 62.1750, 55.0184,
59.0289

 4.1045, 2.7590,
2.8859

 82.5987, 74.2741,
79.8004

 1.7614, 1.0073,
1.0367

 107.0669, 97.5679,
104.9492

 0.4942, 0.0000,
0.0000

135.9448,
125.2842, 134.8939

 0.0000, 0.0000,
0.0000

169.5977,

157.8075, 170.0530

208.3912,
195.5221, 210.8451

■ 21.5164, 17.6362,
18.7931

■ 21.5164, 17.6362,
18.7931

■ 19.5229, 14.6416,
15.0689

■ 23.8791, 21.2398,
23.0385

■ 17.8778, 12.2196,
11.8441

■ 26.6271, 25.4810,
27.8236

■ 16.5606, 10.3339,
9.0970


■ 29.7778, 30.3896,
33.1670


■ 15.5480, 8.9431,
6.8036


■ 33.3465, 35.9929,
39.0863


■ 14.8133, 7.9995,
4.9378


■ 37.3482, 42.3165,
45.5984


 14.3227, 7.4415,
3.4696

 41.7968, 49.3849,
52.7192

 14.1381, 7.2390,
2.8936

 46.7057, 57.2214,
60.4643

 52.0879, 65.8480,
68.8485

 57.9556, 75.2862,
77.8861

Harmonies

Analogous

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



20.9166, 17.6362, 25.7177



21.5164, 17.6362, 18.7931



20.7500, 17.6362, 13.3250

Triad

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



21.5164, 17.6362, 18.7931



14.5601, 17.6362, 10.4219



14.7885, 17.6362, 32.4797

Complementary

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



21.5164, 17.6362, 18.7931



22.0638, 28.4672, 29.5325

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.



13.3219, 17.6362, 26.5960



21.5164, 17.6362, 18.7931



13.1987, 17.6362, 13.8931

Square

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



21.5164, 17.6362, 18.7931



16.6190, 17.6362, 9.2200



12.7664, 17.6362, 19.6185



16.9072, 17.6362, 34.6088

Rectangle

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



21.5164, 17.6362, 18.7931



19.6044, 17.6362, 10.9482



12.7664, 17.6362, 19.6185



14.2097, 17.6362, 30.8186

Sweetspot

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



21.5169, 17.6370, 18.7935



50.5824, 49.7303, 54.3287



21.5407, 17.3202, 33.6606



10.9776, 10.7053, 11.6947



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.



21.5169, 17.6370, 18.7935



36.2768, 27.8132, 28.9235



21.9557, 19.8000, 14.9775



6.7037, 6.6744, 7.2907



11.6583, 5.9679, 2.4517



0.2248, 0.1132, 0.1298

Inverse Universe

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



21.5169, 17.6370, 18.7935



36.2768, 27.8132, 28.9235



21.3541, 25.1394, 35.1797



6.7037, 6.6744, 7.2907



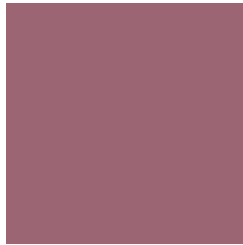
11.6583, 5.9679, 2.4517



0.2248, 0.1132, 0.1298

Previews

White Background



This preview shows how the XYZ color 21.5164, 17.6362, 18.7931 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 21.5164, 17.6362, 18.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

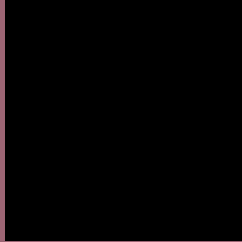
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5164, 17.6362, 18.7931

Background



This preview shows how black text looks on a background with the XYZ color 21.5164, 17.6362, 18.7931.



This preview shows how white text looks on a background with the XYZ color 21.5164, 17.6362,

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

21.5164, 17.6362, 18.7931

Protanopia

17.2832, 17.7534, 21.9179

Deuteranopia

17.9957, 17.6923, 18.3861



Tritanopia

21.0834, 17.5971, 17.0372

Trichromacy



Original Color

21.5164, 17.6362, 18.7931

Protanomaly

18.5574, 17.5993, 20.8313

Deuteranomaly

19.2106, 17.6641, 18.6166

Tritanomaly

21.1936, 17.6412, 17.6173

Monochromacy



Original Color

21.5164, 17.6362, 18.7931

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.5799, 17.8019, 19.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5164, 17.6362, 18.7931 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(156, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(156, 101, 116)  
}
```

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(156, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 101, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.5164, 17.6362, 18.7931 is called "border". The border property can be set on classes, ids or directly on the HTML element.

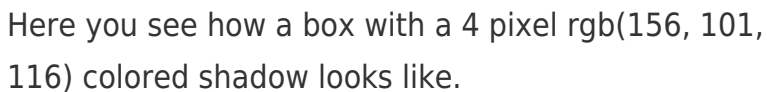
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 101, 116) }
```


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

```
.border{ border-color:rgb(156, 101, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 101, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 101, 116); box-shadow:4px 4px 4px 4px rgb(156, 101, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5164, 17.6362, 18.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 101, 116) }
```

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

```
.background{ background-color: rgb(156,  
101, 116) }
```

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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