

Converting Colors

XYZ(21.8413, 18.9147, 18.3706)

Have a look what the booklet for
XYZ(21.8413, 18.9147, 18.3706)
contains.

XYZ(21.7263, 18.8101, 18.4052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.7263, 18.8101,
18.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6C72
RGB	154, 108, 114
RGB Percent	60%, 42%, 45%
CMY	0.3961, 0.5765, 0.5529
CMYK	0.00, 0.30, 0.26, 0.40
HSL	352°, 19%, 51%
HSV	352°, 30%, 60%
XYZ	21.7263, 18.8101, 18.4052
YIQ	122.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

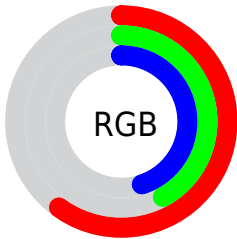
Format	Color
RYB	154, 108, 114
Decimal	10120306
CIELab	50.46, 19.23, 4.01
CIElCh	50, 19.646, 11.778
Yxy	18.8101, 0.3686, 0.3191
Android (android.graphics.Color)	4288310386 (0xFF9A6C72)
YUV	122.4380, -4.1599, 27.6799
Hunter-Lab	43.3706, 13.5201, 5.1985

Details

The XYZ color **21.7263, 18.8101, 18.4052** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0861, 28.4380, 32.2908**, and the grayscale version is **18.6498, 19.6210, 21.3673**.

A 20% lighter version of the original color is **45.7482, 41.4501, 41.6659**, and **8.0787, 6.4498, 5.9734** is the 20% darker color. If you saturate the color by 10%, you get **19.5360, 15.5614, 14.1856**, and if you desaturate by 10%, it is **24.3162, 22.6790, 23.3091**.

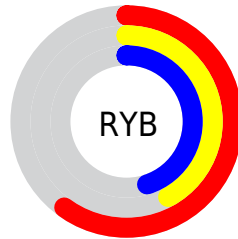
Distribution



Red (60%)

Green (42%)

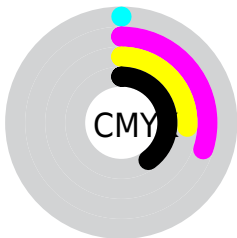
Blue (45%)



Red (60%)

Yellow (42%)

Blue (45%)

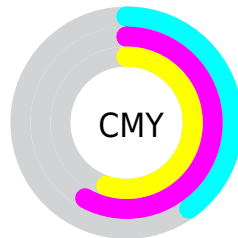


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (40%)



Cyan (40%)


Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7263, 18.8101, 18.4052 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 21.7263, 18.8101, 18.4052 by changing the saturation by 10% instead.


 21.7263, 18.8101,
18.4052


 21.7263, 18.8101,
18.4052


253.7729,
245.3984, 255.4575


 13.7714, 11.5331,
11.0688


 45.7754, 41.4130,
41.5498


 8.0425, 6.4266,
5.9984


 62.6004, 57.5077,
58.1951

 4.1742, 3.1062,
2.7753

 83.1127, 77.3104,
78.7805

 1.8011, 1.1874,
0.9811

 107.6779,
101.2056, 103.7245

 0.5184, 0.0514,
0.0000

136.6611,
129.5775, 133.4457

 0.0000, 0.0000,
0.0000

170.4277,

162.8107, 168.3626

209.3432,
201.2896, 208.8936

■ 21.7263, 18.8101,
18.4052

■ 21.7263, 18.8101,
18.4052

■ 19.5360, 15.5614,
14.1856

■ 24.3162, 22.6790,
23.3091

■ 17.7238, 12.8981,
10.6186

■ 27.3226, 27.1954,
28.9248

■ 16.2686, 10.7861,
7.6720

■ 30.7634, 32.3878,
35.2796


■ 15.1464, 9.1866,
5.3099


■ 34.6550, 38.2825,
42.3988


■ 14.3305, 8.0558,
3.4931


■ 39.0130, 44.9045,
50.3070


 13.7897, 7.3425,
2.1773


 43.8521, 52.2772,
59.0272

 13.4573, 6.9259,
1.3013

 49.1863, 60.4233,
68.5818

 13.4535, 6.9209,
1.2922

 55.0294, 69.3643,
78.9921

 61.3942, 79.1211,
90.2789

Harmonies

Analogous

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



21.6047, 18.8101, 23.9548



21.7263, 18.8101, 18.4052



20.7640, 18.8101, 14.2339

Triad

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



21.7263, 18.8101, 18.4052



15.5381, 18.8101, 13.5870



16.7528, 18.8101, 32.2046

Complementary

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



21.7263, 18.8101, 18.4052



23.0861, 28.4380, 32.2908

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.



15.2734, 18.8101, 28.3314



21.7263, 18.8101, 18.4052



14.6074, 18.8101, 17.3604

Square

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



21.7263, 18.8101, 18.4052



17.1381, 18.8101, 11.8027



14.5140, 18.8101, 22.7073



18.6398, 18.8101, 32.6208

Rectangle

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



21.7263, 18.8101, 18.4052



19.6748, 18.8101, 12.5308



14.5140, 18.8101, 22.7073



16.1949, 18.8101, 31.2354

Sweetspot

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



21.7268, 18.8110, 18.4056



50.0373, 50.0106, 53.2938



23.3846, 19.3427, 33.0731



11.1442, 11.0464, 11.7257



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.



21.7268, 18.8110, 18.4056



36.6646, 30.0076, 28.0500



23.3506, 22.5871, 17.3175



6.2400, 6.2351, 6.6437



10.9689, 5.6418, 1.0954



0.1714, 0.0873, 0.0556

Inverse Universe

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



21.7268, 18.8110, 18.4056



36.6646, 30.0076, 28.0500



20.9825, 23.4513, 33.9927



6.2400, 6.2351, 6.6437



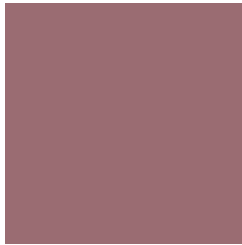
10.9689, 5.6418, 1.0954



0.1714, 0.0873, 0.0556

Previews

White Background



This preview shows how the XYZ color 21.7263, 18.8101, 18.4052 looks on a white background.

Color Contrast Check

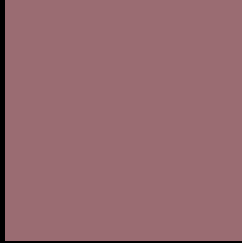
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7263, 18.8101, 18.4052 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 21.7263, 18.8101, 18.4052

Background



This preview shows how black text looks on a background with the XYZ color 21.7263, 18.8101, 18.4052.



This preview shows how white text looks on a background with the XYZ color 21.7263, 18.8101,

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

21.7263, 18.8101, 18.4052

Protanopia

18.1937, 18.9510, 20.7882

Deuteranopia

19.1617, 18.8115, 17.9503



Tritanopia

21.8414, 18.8561, 19.0114

Trichromacy



Original Color

21.7263, 18.8101, 18.4052

Protanomaly

19.3469, 18.8671, 19.7616

Deuteranomaly

20.0411, 18.7533, 18.1863

Tritanomaly

21.7835, 18.8330, 18.7067

Monochromacy



Original Color

21.7263, 18.8101, 18.4052

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5226, 19.1228, 20.1149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7263, 18.8101, 18.4052 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(154, 108, 114)` looks like.

```
.text, #text, p{  
    color:rgb(154, 108, 114)  
}
```

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(154, 108, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 108, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.7263, 18.8101, 18.4052 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(154, 108, 114) }
```


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

```
.border{ border-color:rgb(154, 108, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 108, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 108, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 108, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 108,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7263, 18.8101, 18.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 108, 114) }
```

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

```
.background{ background-color: rgb(154,  
108, 114) }
```

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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