

Converting Colors

XYZ(21.8408, 19.9438, 15.3014)

Have a look what the booklet for
XYZ(21.8408, 19.9438, 15.3014)
contains.

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Color

**XYZ(21.7420, 19.8640,
15.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7266
RGB	154, 114, 102
RGB Percent	60%, 45%, 40%
CMY	0.3961, 0.5529, 0.6000
CMYK	0.00, 0.26, 0.34, 0.40
HSL	14°, 20%, 50%
HSV	14°, 34%, 60%
XYZ	21.7420, 19.8640, 15.2586
YIQ	124.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

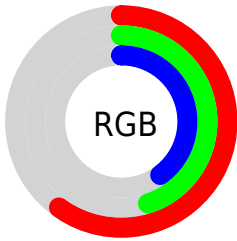
Format	Color
RYB	154, 118, 102
Decimal	10121830
CIELab	51.68, 14.05, 12.81
CIELCh	52, 19.016, 42.354
Yxy	19.8640, 0.3823, 0.3493
Android (android.graphics.Color)	4288311910 (0xFF9A7266)
YUV	124.5920, -11.1379, 25.7908
Hunter-Lab	44.5690, 9.0813, 10.8999

Details

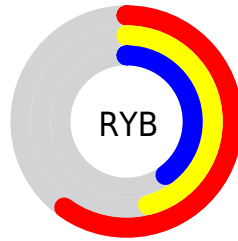
The XYZ color **21.7420, 19.8640, 15.2586** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9848, 24.5029, 34.1953**, and the grayscale version is **19.3861, 20.3957, 22.2109**.

A 20% lighter version of the original color is **45.6805, 43.1277, 36.0538**, and **8.0046, 6.9390, 4.5319** is the 20% darker color. If you saturate the color by 10%, you get **19.7975, 17.0857, 11.1860**, and if you desaturate by 10%, it is **24.0025, 23.0470, 20.1370**.

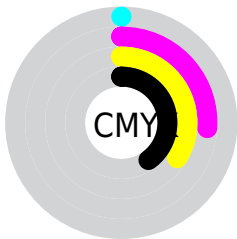
Distribution



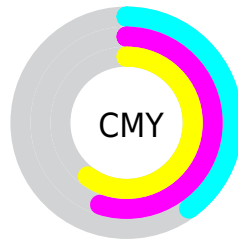
- Red (60%)
- Green (45%)
- Blue (40%)



- Red (60%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (40%)





- Cyan (40%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.7420, 19.8640, 15.2586 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 21.7420, 19.8640, 15.2586 by changing the saturation by 10% instead.


 21.7420, 19.8640,
15.2586


 21.7420, 19.8640,
15.2586


253.8537,
251.1779, 236.6206


 13.7830, 12.2962,
8.8524


 45.8012, 43.1891,
36.0549

 8.0506, 6.9458,
4.5496


 62.6322, 59.7151,
51.2821

 4.1794, 3.4282,
1.9314

 83.1511, 79.9961,
70.2868

 1.8041, 1.3592,
0.5126

 107.7235,
104.4163, 93.4874

 0.5202, 0.1863,
0.0000

136.7146,
133.3602, 121.3026

 0.0000, 0.0000,
0.0000

170.4897,

167.2122, 154.1508

209.4143,
206.3566, 192.4507

■ 21.7420, 19.8640,
15.2586

■ 21.7420, 19.8640,
15.2586

■ 19.7975, 17.0857,
11.1860

■ 24.0025, 23.0470,
20.1370

■ 18.1529, 14.6930,
7.8744

■ 26.5910, 26.6474,
25.8602

■ 16.7932, 12.6693,
5.2762

■ 29.5206, 30.6805,
32.4665

■ 15.7011, 10.9957,
3.3383

■ 32.8034, 35.1603,
39.9910

■ 14.8576, 9.6516,
1.9996

■ 36.4508, 40.1001,
48.4672

■ 14.2405, 8.6140,
1.1878

■ 40.4737, 45.5123,
57.9269

■ 13.9437, 8.1046,
0.8294

■ 44.8825, 51.4094,
68.4002

■ 49.6873, 57.8029,
79.9162

■ 54.8976, 64.7043,
92.5026

Harmonies

Analogous

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



22.7211, 19.8640, 19.4444



21.7420, 19.8640, 15.2586



20.0216, 19.8640, 13.0363

Triad

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



21.7420, 19.8640, 15.2586



15.5759, 19.8640, 18.5790



19.6811, 19.8640, 33.6884

Complementary

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



21.7420, 19.8640, 15.2586



20.9848, 24.5029, 34.1953

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.



17.7829, 19.8640, 33.3500



21.7420, 19.8640, 15.2586



15.4985, 19.8640, 23.9704

Square

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



21.7420, 19.8640, 15.2586



16.5005, 19.8640, 14.7180



16.2811, 19.8640, 29.5625



21.4782, 19.8640, 30.4210

Rectangle

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



21.7420, 19.8640, 15.2586



18.7289, 19.8640, 12.6908



16.2811, 19.8640, 29.5625



19.0322, 19.8640, 34.0064

Sweetspot

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



21.7425, 19.8649, 15.2590



50.1299, 50.9276, 51.0682



23.0156, 18.3481, 28.2093



11.1928, 11.3150, 11.2135



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.



21.7425, 19.8649, 15.2590



36.6069, 31.9628, 21.6473



24.9960, 26.3719, 16.3435



6.3188, 6.4426, 6.5164



11.3841, 6.6505, 0.6837



0.1943, 0.1476, 0.0182

Inverse Universe

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



20.9848, 24.5029, 34.1953



34.9903, 41.7634, 61.7533



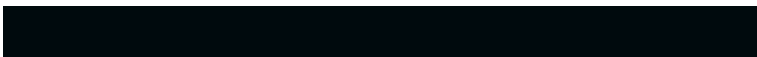
17.6427, 17.8186, 33.0812



6.2637, 6.7847, 7.9084



10.1015, 12.5996, 26.8073



0.1775, 0.2413, 0.4096

Previews

White Background



This preview shows how the XYZ color 21.7420, 19.8640, 15.2586 looks on a white background.

Color Contrast Check

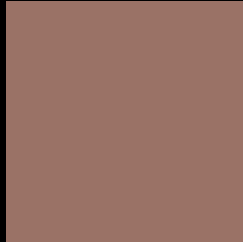
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7420, 19.8640, 15.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

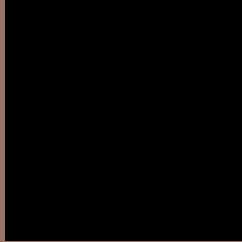
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7420, 19.8640, 15.2586

Background



This preview shows how black text looks on a background with the XYZ color 21.7420, 19.8640, 15.2586.



This preview shows how white text looks on a background with the XYZ color 21.7420, 19.8640,

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

21.7420, 19.8640, 15.2586

Protanopia

18.8904, 19.9524, 16.4912

Deuteranopia

20.2735, 19.9729, 15.0985



Tritanopia

22.7849, 19.7929, 20.3888

Trichromacy



Original Color

21.7420, 19.8640, 15.2586

Protanomaly

19.9137, 19.9418, 16.1642

Deuteranomaly

20.7429, 19.8652, 15.0530

Tritanomaly

22.2924, 19.7492, 18.2598

Monochromacy



Original Color

21.7420, 19.8640, 15.2586

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2016, 20.1933, 19.6626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7420, 19.8640, 15.2586 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, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(154, 114, 102)  
}
```

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, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 114, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.7420, 19.8640, 15.2586 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, 114, 102) }
```


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

```
.border{ border-color:rgb(154, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(154, 114,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7420, 19.8640, 15.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 114, 102) }
```

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

```
.background{ background-color: rgb(154,  
114, 102) }
```

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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