

Converting Colors

XYZ(21.0947, 20.8704, 13.5803)

Have a look what the booklet for
XYZ(21.0947, 20.8704, 13.5803)
contains.

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Color

**XYZ(21.0705, 20.7788,
13.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	94795E
RGB	148, 121, 94
RGB Percent	58%, 47%, 37%
CMY	0.4196, 0.5255, 0.6314
CMYK	0.00, 0.18, 0.36, 0.42
HSL	30°, 22%, 47%
HSV	30°, 36%, 58%
XYZ	21.0705, 20.7788, 13.4898
YIQ	125.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

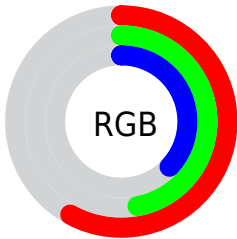
Format	Color
RYB	148, 148, 94
Decimal	9730398
CIELab	52.71, 6.46, 18.76
CIELCh	53, 19.837, 70.994
Yxy	20.7788, 0.3808, 0.3755
Android (android.graphics.Color)	4287920478 (0xFF94795E)
YUV	125.9950, -15.7735, 19.2984
Hunter-Lab	45.5838, 2.7377, 14.3627

Details

The XYZ color **21.0705, 20.7788, 13.4898** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7985, 18.1919, 30.6430**, and the grayscale version is **19.8760, 20.9111, 22.7722**.

A 20% lighter version of the original color is **44.6830, 44.6280, 33.0471**, and **7.7399, 7.4653, 3.8293** is the 20% darker color. If you saturate the color by 10%, you get **19.6042, 18.8090, 10.0328**, and if you desaturate by 10%, it is **22.7342, 22.9394, 17.6414**.

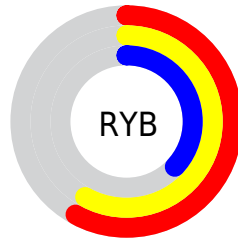
Distribution



Red (58%)

Green (47%)

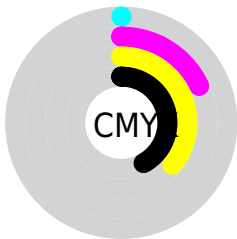
Blue (37%)



Red (58%)

Yellow (58%)

Blue (37%)

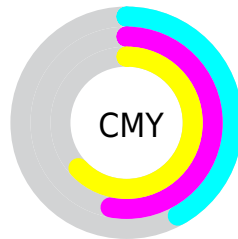


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0705, 20.7788, 13.4898 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 21.0705, 20.7788, 13.4898 by changing the saturation by 10% instead.

■ 21.0705, 20.7788,
13.4898

■ 21.0705, 20.7788,
13.4898

250.3776,
256.1006, 225.3503

■ 13.2883, 12.9624,
7.6320

■ 44.6952, 44.7191,
32.8850

■ 7.7057, 7.4027,
3.7760

■ 61.2685, 61.6118,
47.2594

■ 3.9575, 3.7152,
1.5033

■ 81.5028, 82.2987,
65.3098

■ 1.6781, 1.5155,
0.2204

■ 105.7635,
107.1643, 87.4547

■ 0.4425, 0.2996,
0.0000

134.4160,
136.5929, 114.1127

■ 0.0000, 0.0000,
0.0000

167.8256,

170.9688, 145.7023

206.3576,
210.6766, 182.6419

■ 21.0705, 20.7788,
13.4898

■ 21.0705, 20.7788,
13.4898

■ 19.6042, 18.8090,
10.0328

■ 22.7342, 22.9394,
17.6414

■ 18.3249, 17.0212,
7.2301

■ 24.6020, 25.2937,
22.5222

■ 17.2235, 15.4099,
5.0393

■ 26.6820, 27.8479,
28.1661

■ 16.2892, 13.9681,
3.4122

■ 28.9815, 30.6072,
34.6044

■ 15.5100, 12.6884,
2.2935

■ 31.5075, 33.5766,
41.8666

■ 14.8679, 11.5606,
1.5971

■ 34.2664, 36.7607,
49.9807

■ 14.6622, 11.1947,
1.3880

■ 37.2646, 40.1643,
58.9735

■ 40.5081, 43.7916,
68.8705

■ 44.0026, 47.6470,
79.6962

Harmonies

Analogous

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



22.8991, 20.7788, 15.9577



21.0705, 20.7788, 13.4898



19.0024, 20.7788, 13.2007

Triad

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



21.0705, 20.7788, 13.4898



16.1043, 20.7788, 24.8621



22.4691, 20.7788, 32.3335

Complementary

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



21.0705, 20.7788, 13.4898



16.7985, 18.1919, 30.6430

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.



20.5162, 20.7788, 35.7167



21.0705, 20.7788, 13.4898



16.9030, 20.7788, 30.9296

Square

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



21.0705, 20.7788, 13.4898



16.2299, 20.7788, 19.1212



18.4851, 20.7788, 35.1623



23.7446, 20.7788, 26.5317

Rectangle

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



21.0705, 20.7788, 13.4898



17.7756, 20.7788, 14.2130



18.4851, 20.7788, 35.1623



21.8646, 20.7788, 33.8334

Sweetspot

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



21.0710, 20.7798, 13.4902



45.2942, 46.9582, 44.8123



19.6668, 15.6820, 20.0797



10.2384, 10.5951, 9.9553



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.0710, 20.7798, 13.4902



34.9839, 33.7244, 18.6031



24.8231, 28.2839, 14.7409



6.0260, 6.2658, 6.1323



12.5511, 9.6166, 1.1947



0.1830, 0.1765, 0.0244

Inverse Universe

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



16.7985, 18.1919, 30.6430



26.2813, 28.4532, 53.5414



13.9643, 12.5234, 29.6983



5.7247, 6.0833, 7.3422



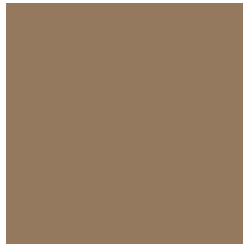
6.6841, 6.0631, 24.7490



0.1112, 0.1331, 0.3127

Previews

White Background



This preview shows how the XYZ color 21.0705, 20.7788, 13.4898 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 21.0705, 20.7788, 13.4898 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 21.0705, 20.7788, 13.4898

Background



This preview shows how black text looks on a background with the XYZ color 21.0705, 20.7788, 13.4898.



This preview shows how white text looks on a background with the XYZ color 21.0705, 20.7788,

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

21.0705, 20.7788, 13.4898

Protanopia

19.5638, 20.9171, 14.0726

Deuteranopia

21.2522, 20.8725, 13.4984



Tritanopia

22.8897, 20.8082, 22.5486

Trichromacy



Original Color

21.0705, 20.7788, 13.4898

Protanomaly

20.0884, 20.8170, 13.7858

Deuteranomaly

21.2522, 20.8725, 13.4984

Tritanomaly

22.0934, 20.6558, 18.7421

Monochromacy



Original Color

21.0705, 20.7788, 13.4898

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0764, 20.6985, 18.8567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0705, 20.7788, 13.4898 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(148, 121, 94)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 94)  
}
```

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(148, 121, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 94) }
```

Border

The CSS property to change the border of an element to XYZ 21.0705, 20.7788, 13.4898 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(148, 121, 94) }
```


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

```
.border{ border-color:rgb(148, 121, 94) }
```

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

Here you see how a box with a 4 pixel rgb(148, 121, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 94);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0705, 20.7788, 13.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 94) }
```

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

```
.background{ background-color: rgb(148,  
121, 94) }
```

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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