

Converting Colors

XYZ(21.0911, 21.1145, 21.8058)

Have a look what the booklet for
XYZ(21.0911, 21.1145, 21.8058)
contains.

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Color

**XYZ(21.0993, 21.1637,
21.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	897C7B
RGB	137, 124, 123
RGB Percent	54%, 49%, 48%
CMY	0.4627, 0.5137, 0.5176
CMYK	0.00, 0.09, 0.10, 0.46
HSL	4°, 6%, 51%
HSV	4°, 10%, 54%
XYZ	21.0993, 21.1637, 21.7118
YIQ	127.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

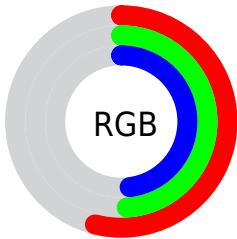
Format	Color
R_{YB}	137, 124, 123
Decimal	9010299
CIE _{Lab}	53.13, 4.78, 2.34
CIE _{LCh}	53, 5.324, 26.099
Yxy	21.1637, 0.3298, 0.3308
Android (android.graphics.Color)	4287200379 (0xFF897C7B)
YUV	127.7730, -2.3531, 8.0921
Hunter-Lab	46.0040, 1.3603, 4.2206

Details

The XYZ color **21.0993, 21.1637, 21.7118** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.4878, 23.6249, 27.0947**, and the grayscale version is **20.4456, 21.5103, 23.4248**.

A 20% lighter version of the original color is **44.6952, 45.4866, 46.9815**, and **7.6826, 7.5528, 7.5315** is the 20% darker color. If you saturate the color by 10%, you get **18.8087, 17.8601, 17.0090**, and if you desaturate by 10%, it is **23.7168, 24.9285, 27.1162**.

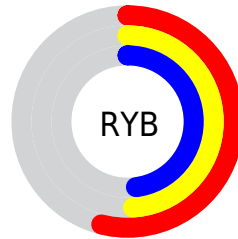
Distribution



Red (54%)

Green (49%)

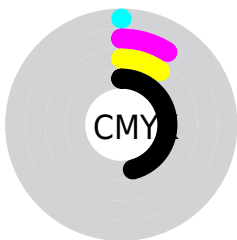
Blue (48%)



Red (54%)

Yellow (49%)

Blue (48%)

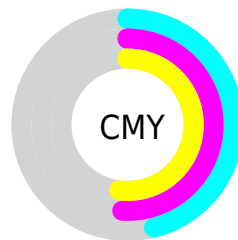


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (46%)



Cyan (46%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0993, 21.1637, 21.7118 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 21.0993, 21.1637, 21.7118 by changing the saturation by 10% instead.

■ 21.0993, 21.1637,
21.7118

■ 21.0993, 21.1637,
21.7118

250.5275,
258.1472, 273.9417

■ 13.3095, 13.2437,
13.4490

■ 44.7428, 45.3598,
47.1653

■ 7.7205, 7.5966,
7.6041

■ 61.3271, 62.4047,
65.1930

■ 3.9669, 3.8379,
3.7586

■ 81.5737, 83.2601,
87.3128

■ 1.6834, 1.5833,
1.4939

105.8479,
108.3103, 113.9432

■ 0.4459, 0.3463,
0.2133

134.5150,
137.9397, 145.5028

■ 0.0000, 0.0000,
0.0000

167.9404,

172.5327, 182.4100

206.4894,
212.4737, 225.0835

■ 21.0993, 21.1637,
21.7118

■ 21.0993, 21.1637,
21.7118

■ 18.8087, 17.8601,
17.0090

■ 23.7168, 24.9285,
27.1162

■ 16.8304, 14.9972,
12.9779

■ 26.6714, 29.1682,
33.2480

■ 15.1514, 12.5572,
9.5880

■ 29.9752, 33.8996,
40.1332

■ 13.7571, 10.5201,
6.8065

■ 33.6390, 39.1377,
47.7962

■ 12.6316, 8.8642,
4.5972

■ 37.6733, 44.8971,
56.2602

■ 11.7577, 7.5657,
2.9202

■ 42.0882, 51.1915,
65.5477

■ 11.1158, 6.5983,
1.7308

■ 46.8931, 58.0344,
75.6799

■ 10.6836, 5.9320,
0.9763

■ 52.0975, 65.4385,
86.6775

■ 10.4231, 5.5314,
0.5183

■ 57.7102, 73.4163,
98.5605

Harmonies

Analogous

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



21.2104, 21.1637, 23.2544



21.0993, 21.1637, 21.7118



20.7228, 21.1637, 20.5747

Triad

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



21.0993, 21.1637, 21.7118



19.2338, 21.1637, 21.3640



20.0422, 21.1637, 26.2636

Complementary

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



21.0993, 21.1637, 21.7118



21.4878, 23.6249, 27.0947

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.



19.5201, 21.1637, 25.7027



21.0993, 21.1637, 21.7118



19.0589, 21.1637, 22.8343

Square

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



21.0993, 21.1637, 21.7118



19.6449, 21.1637, 20.3805



19.1627, 21.1637, 24.4289



20.5935, 21.1637, 25.9293

Rectangle

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



21.0993, 21.1637, 21.7118



20.3756, 21.1637, 20.1744



19.1627, 21.1637, 24.4289



19.8576, 21.1637, 26.1728

Sweetspot

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



21.0999, 21.1646, 21.7123



41.0770, 42.6372, 45.6736



21.8484, 21.2640, 26.2704



9.1334, 9.4483, 10.0790



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.0999, 21.1646, 21.7123



36.8995, 36.6250, 37.0586



21.9993, 22.9634, 22.0120



5.0598, 5.1024, 5.2706



9.7129, 5.1602, 0.4841



0.0678, 0.0408, 0.0043

Inverse Universe

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



21.4878, 23.6249, 27.0947



37.7219, 41.8415, 48.4712



20.5430, 21.7354, 26.7797



5.1427, 5.6284, 6.4212



11.3020, 15.8742, 24.5140



0.0793, 0.1140, 0.1643

Previews

White Background



This preview shows how the XYZ color 21.0993, 21.1637, 21.7118 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 21.0993, 21.1637, 21.7118 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 21.0993, 21.1637, 21.7118

Background



This preview shows how black text looks on a background with the XYZ color 21.0993, 21.1637, 21.7118.



This preview shows how white text looks on a background with the XYZ color 21.0993, 21.1637,

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

21.0993, 21.1637, 21.7118

Protanopia

20.3049, 21.1228, 22.0757

Deuteranopia

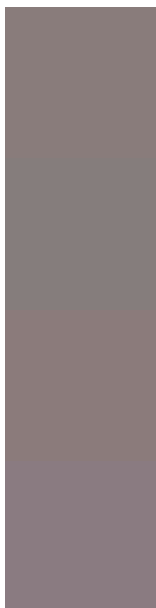
21.4733, 21.1714, 21.6936



Tritanopia

21.7290, 21.2351, 24.7833

Trichromacy



Original Color

21.0993, 21.1637, 21.7118

Protanomaly

20.6446, 21.1090, 22.0551

Deuteranomaly

21.3056, 21.0849, 21.6858

Tritanomaly

21.5266, 21.1542, 23.7175

Monochromacy



Original Color

21.0993, 21.1637, 21.7118

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7153, 21.5104, 22.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0993, 21.1637, 21.7118 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(137, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(137, 124, 123)  
}
```

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(137, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.0993, 21.1637, 21.7118 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(137, 124, 123) }
```


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

```
.border{ border-color:rgb(137, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(137, 124,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0993, 21.1637, 21.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 124, 123) }
```

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

```
.background{ background-color: rgb(137,  
124, 123) }
```

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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