

Converting Colors

XYZ(22.8040, 22.1156, 20.5289)

Have a look what the booklet for
XYZ(22.8040, 22.1156, 20.5289)
contains.

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Color

**XYZ(22.7502, 22.0431,
20.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	947C77
RGB	148, 124, 119
RGB Percent	58%, 49%, 47%
CMY	0.4196, 0.5137, 0.5333
CMYK	0.00, 0.16, 0.20, 0.42
HSL	10°, 12%, 52%
HSV	10°, 20%, 58%
XYZ	22.7502, 22.0431, 20.5084
YIQ	130.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

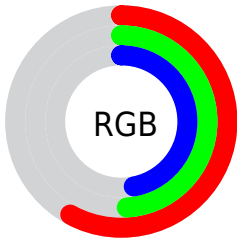
Format	Color
R_{YB}	148, 125, 119
Decimal	9731191
CIE _{Lab}	54.07, 8.41, 6.17
CIE _{LCh}	54, 10.429, 36.273
Yxy	22.0431, 0.3484, 0.3376
Android (android.graphics.Color)	4287921271 (0xFF947C77)
YUV	130.6060, -5.7218, 15.2545
Hunter-Lab	46.9501, 4.3316, 6.9664

Details

The XYZ color **22.7502, 22.0431, 20.5084** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7754, 25.7045, 31.7784**, and the grayscale version is **21.4492, 22.5663, 24.5747**.

A 20% lighter version of the original color is **47.4299, 46.9411, 45.0888**, and **8.5832, 8.0285, 7.0585** is the 20% darker color. If you saturate the color by 10%, you get **20.4891, 18.8342, 15.7057**, and if you desaturate by 10%, it is **25.3416, 25.6906, 26.1047**.

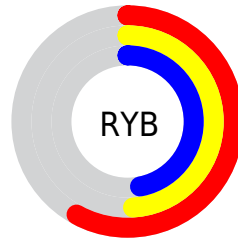
Distribution



Red (58%)

Green (49%)

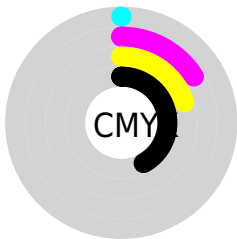
Blue (47%)



Red (58%)

Yellow (49%)

Blue (47%)

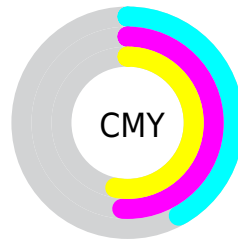


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7502, 22.0431, 20.5084 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 22.7502, 22.0431, 20.5084 by changing the saturation by 10% instead.

■ 22.7502, 22.0431,
20.5084

■ 22.7502, 22.0431,
20.5084

258.9987,
262.7713, 267.3489

■ 14.5288, 13.8886,
12.5774

■ 47.4525, 46.8172,
45.1380

■ 8.5735, 8.0432,
7.0109

■ 64.6642, 64.2056,
62.6738

■ 4.5190, 4.1226,
3.3904

■ 85.6033, 85.4407,
84.2482

■ 1.9997, 1.7424,
1.2973

110.6353,
110.9070, 110.2798

■ 0.6338, 0.4509,
0.0595

140.1255,
140.9888, 141.1871

■ 0.0000, 0.0000,
0.0000

174.4392,

176.0705, 177.3887

213.9418,
216.5365, 219.3031

■ 22.7502, 22.0431,
20.5084

■ 22.7502, 22.0431,
20.5084

■ 20.4891, 18.8342,
15.7057

■ 25.3416, 25.6906,
26.1047

■ 18.5432, 16.0446,
11.6592

■ 28.2740, 29.7894,
32.5268

■ 16.8988, 13.6575,
8.3307

■ 31.5600, 34.3552,
39.8069

■ 15.5404, 11.6544,
5.6778

■ 35.2109, 39.4022,
47.9750

■ 14.4513, 10.0149,
3.6541

■ 39.2375, 44.9440,
57.0598

■ 13.6128, 8.7168,
2.2068

■ 43.6502, 50.9934,
67.0885

■ 13.0039, 7.7355,
1.2748

■ 48.4590, 57.5632,
78.0873

■ 12.5862, 7.0373,
0.7122

■ 53.6734, 64.6653,
90.0814

■ 12.5720, 7.0142,
0.6913

■ 59.3027, 72.3114,
103.0949

Harmonies

Analogous

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



23.1835, 22.0431, 23.3284



22.7502, 22.0431, 20.5084



21.8368, 22.0431, 18.7488

Triad

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



22.7502, 22.0431, 20.5084



19.0266, 22.0431, 21.5860



21.1893, 22.0431, 30.7250

Complementary

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



22.7502, 22.0431, 20.5084



22.7754, 25.7045, 31.7784

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.



20.0901, 22.0431, 30.1530



22.7502, 22.0431, 20.5084



18.8672, 22.0431, 24.6868

Square

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



22.7502, 22.0431, 20.5084



19.6933, 22.0431, 19.3307



19.2498, 22.0431, 27.8696



22.2618, 22.0431, 29.3691

Rectangle

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



22.7502, 22.0431, 20.5084



21.0927, 22.0431, 18.3176



19.2498, 22.0431, 27.8696



20.8105, 22.0431, 30.7533

Sweetspot

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



22.7508, 22.0441, 20.5089



46.4418, 47.7504, 49.8289



23.7804, 21.4781, 28.9455



10.5352, 10.8074, 11.2298



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.



22.7508, 22.0441, 20.5089



38.1218, 36.0343, 31.8759



24.6792, 25.9009, 21.1517



5.8769, 5.9676, 6.0826



10.7533, 6.0209, 0.5954



0.1468, 0.1040, 0.0123

Inverse Universe

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



22.7754, 25.7045, 31.7784



38.1724, 43.8282, 55.8824



20.7597, 21.6732, 31.1065



5.8799, 6.3938, 7.3940



10.5769, 13.8486, 26.0466



0.1475, 0.2056, 0.3248

Previews

White Background



This preview shows how the XYZ color 22.7502, 22.0431, 20.5084 looks on a white background.

Color Contrast Check

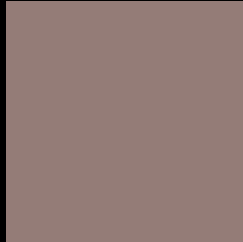
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7502, 22.0431, 20.5084 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 22.7502, 22.0431, 20.5084

Background



This preview shows how black text looks on a background with the XYZ color 22.7502, 22.0431, 20.5084.



This preview shows how white text looks on a background with the XYZ color 22.7502, 22.0431,

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

22.7502, 22.0431, 20.5084

Protanopia

21.1946, 22.1740, 21.5753

Deuteranopia

22.5174, 22.1101, 20.5336



Tritanopia

23.7021, 22.0690, 24.8403

Trichromacy



Original Color

22.7502, 22.0431, 20.5084

Protanomaly

21.6880, 22.0482, 21.2018

Deuteranomaly

22.6960, 22.2022, 20.5420

Tritanomaly

23.3082, 22.0878, 23.1136

Monochromacy



Original Color

22.7502, 22.0431, 20.5084

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8665, 22.2890, 23.2284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7502, 22.0431, 20.5084 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, 124, 119)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 119)  
}
```

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, 124, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 119) }
```

Border

The CSS property to change the border of an element to XYZ 22.7502, 22.0431, 20.5084 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, 124, 119) }
```


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

```
.border{ border-color:rgb(148, 124, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 119);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7502, 22.0431, 20.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 119) }
```

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

```
.background{ background-color: rgb(148,  
124, 119) }
```

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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