

Converting Colors

XYZ(23.8529, 21.1404, 22.2264)

Have a look what the booklet for
XYZ(23.8529, 21.1404, 22.2264)
contains.

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Color

**XYZ(23.8517, 21.1395,
22.2253)**

Conversions

Conversions Part 1

Format	Color
Hex	9D747D
RGB	157, 116, 125
RGB Percent	62%, 45%, 49%
CMY	0.3843, 0.5451, 0.5098
CMYK	0.00, 0.26, 0.20, 0.38
HSL	347°, 17%, 54%
HSV	347°, 26%, 62%
XYZ	23.8517, 21.1395, 22.2253
YIQ	129.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

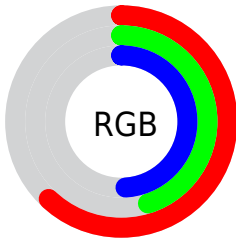
Format	Color
R _Y B	157, 116, 125
Decimal	10318973
CIE Lab	53.10, 17.52, 1.38
CIE LCh	53, 17.579, 4.511
Yxy	21.1395, 0.3548, 0.3145
Android (android.graphics.Color)	4288509053 (0xFF9D747D)
YUV	129.2850, -2.1125, 24.3061
Hunter-Lab	45.9777, 12.1388, 3.5240

Details

The XYZ color **23.8517, 21.1395, 22.2253** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6056, 29.9656, 32.5054**, and the grayscale version is **20.9685, 22.0605, 24.0239**.

A 20% lighter version of the original color is **49.1899, 45.2167, 48.2546**, and **9.1374, 7.5394, 7.8111** is the 20% darker color. If you saturate the color by 10%, you get **21.4575, 17.5274, 17.8003**, and if you desaturate by 10%, it is **26.6496, 25.4039, 27.2620**.

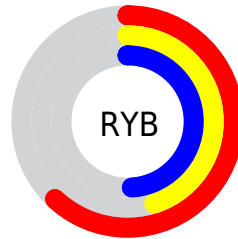
Distribution



Red (62%)

Green (45%)

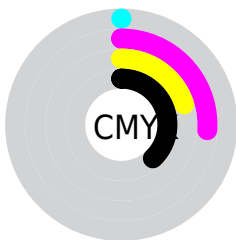
Blue (49%)



Red (62%)

Yellow (45%)

Blue (49%)

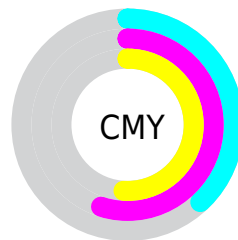


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.8517, 21.1395, 22.2253 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 23.8517, 21.1395, 22.2253 by changing the saturation by 10% instead.


 23.8517, 21.1395,
22.2253


 23.8517, 21.1395,
22.2253


264.5243,
258.0189, 276.7124


 15.3478, 13.2260,
13.8226


 49.2445, 45.3196,
48.0250


 9.1517, 7.5844,
7.8601


 66.8642, 62.3550,
66.2592

 4.8982, 3.8302,
3.9191


 88.2531, 83.1998,
88.6076

 2.2218, 1.5790,
1.5810

 113.7766,
108.2384, 115.4888

 0.7542, 0.3434,
0.2772

143.8001,
137.8552, 147.3214

 0.0000, 0.0000,
0.0000

178.6890,

172.4347, 184.5238

218.8086,
212.3611, 227.5146

■ 23.8517, 21.1395,
22.2253

■ 23.8517, 21.1395,
22.2253

■ 21.4575, 17.5274,
17.8003

■ 26.6496, 25.4039,
27.2620

■ 19.4463, 14.5326,
13.9620

■ 29.8670, 30.3476,
32.9312

■ 17.7982, 12.1211,
10.6857

■ 33.5210, 35.9997,
39.2546

■ 16.4911, 10.2545,
7.9445

■ 37.6274, 42.3865,
46.2523

■ 15.4998, 8.8899,
5.7091

■ 42.2009, 49.5332,
53.9435

■ 14.7960, 7.9777,
3.9471

■ 47.2558, 57.4638,
62.3468

■ 14.3409, 7.4486,
2.6205

■ 52.8056, 66.2009,
71.4799

■ 14.2001, 7.2863,
2.2061

■ 58.8634, 75.7667,
81.3600

■ 64.7023, 84.7032,
91.7572

Harmonies

Analogous

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



23.4778, 21.1395, 27.6861



23.8517, 21.1395, 22.2253



23.1688, 21.1395, 17.7140

Triad

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



23.8517, 21.1395, 22.2253



18.1436, 21.1395, 15.6012



18.6001, 21.1395, 33.4933

Complementary

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



23.8517, 21.1395, 22.2253



24.6056, 29.9656, 32.5054

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.



17.3013, 21.1395, 29.2857



23.8517, 21.1395, 22.2253



17.0493, 21.1395, 18.9053

Square

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



23.8517, 21.1395, 22.2253



19.8140, 21.1395, 14.2812



16.7505, 21.1395, 23.8279



20.3735, 21.1395, 34.7414

Rectangle

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



23.8517, 21.1395, 22.2253



22.2293, 21.1395, 15.6784



16.7505, 21.1395, 23.8279



18.0971, 21.1395, 32.3495

Sweetspot

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



23.8523, 21.1405, 22.2257



52.2496, 52.4404, 56.8095



24.4424, 21.1693, 34.6964



11.3114, 11.2533, 12.1747



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.



23.8523, 21.1405, 22.2257



40.2775, 34.1709, 35.3244



24.6385, 23.5915, 19.7791



6.6897, 6.6688, 7.2171



11.5449, 5.9225, 1.8546



0.2203, 0.1115, 0.1063

Inverse Universe

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



23.8523, 21.1405, 22.2257



40.2775, 34.1709, 35.3244



23.5782, 26.7264, 35.8146



6.6897, 6.6688, 7.2171



11.5449, 5.9225, 1.8546



0.2203, 0.1115, 0.1063

Previews

White Background



This preview shows how the XYZ color 23.8517, 21.1395, 22.2253 looks on a white background.

Color Contrast Check

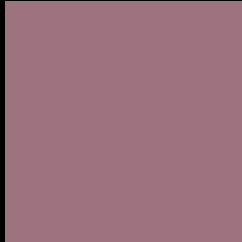
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8517, 21.1395, 22.2253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

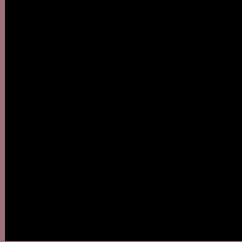
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8517, 21.1395, 22.2253

Background



This preview shows how black text looks on a background with the XYZ color 23.8517, 21.1395, 22.2253.



This preview shows how white text looks on a background with the XYZ color 23.8517, 21.1395,

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

23.8517, 21.1395, 22.2253

Protanopia

20.4597, 21.1496, 24.4767

Deuteranopia

21.7056, 21.2839, 22.0330



Tritanopia

23.8517, 21.1395, 22.2253

Trichromacy



Original Color

23.8517, 21.1395, 22.2253

Protanomaly

21.5694, 20.9930, 23.6841

Deuteranomaly

22.3872, 21.0912, 21.9599

Tritanomaly

23.8517, 21.1395, 22.2253

Monochromacy



Original Color

23.8517, 21.1395, 22.2253

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.7514, 21.4628, 23.4184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8517, 21.1395, 22.2253 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(157, 116, 125)` looks like.

```
.text, #text, p{  
    color:rgb(157, 116, 125)  
}
```

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(157, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 116, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.8517, 21.1395, 22.2253 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(157, 116, 125) }
```


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

```
.border{ border-color:rgb(157, 116, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(157, 116,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8517, 21.1395, 22.2253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 116, 125) }
```

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

```
.background{ background-color: rgb(157,  
116, 125) }
```

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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