

Converting Colors

XYZ(24.1816, 21.3169, 21.9089)

Have a look what the booklet for
XYZ(24.1816, 21.3169, 21.9089)
contains.

XYZ(24.1816, 21.3169, 21.9089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1816, 21.3169,
21.9089)**

Conversions

Conversions Part 1

Format	Color
Hex	9F747C
RGB	159, 116, 124
RGB Percent	62%, 45%, 49%
CMY	0.3765, 0.5451, 0.5137
CMYK	0.00, 0.27, 0.22, 0.38
HSL	349°, 18%, 54%
HSV	349°, 27%, 62%
XYZ	24.1816, 21.3169, 21.9089
YIQ	129.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

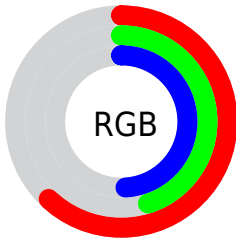
Format	Color
R_{YB}	159, 116, 124
Decimal	10450044
CIE _{Lab}	53.29, 18.14, 2.28
CIE _{LCh}	53, 18.283, 7.152
Yxy	21.3169, 0.3587, 0.3162
Android (android.graphics.Color)	4288640124 (0xFF9F747C)
YUV	129.7690, -2.8441, 25.6356
Hunter-Lab	46.1702, 12.6913, 4.1846

Details

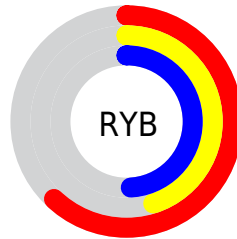
The XYZ color **24.1816, 21.3169, 21.9089** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1874, 30.7443, 33.8863**, and the grayscale version is **21.1410, 22.2420, 24.2215**.

A 20% lighter version of the original color is **49.5707, 45.4360, 47.2317**, and **9.3406, 7.6481, 7.6405** is the 20% darker color. If you saturate the color by 10%, you get **21.7378, 17.6542, 17.3177**, and if you desaturate by 10%, it is **27.0478, 25.6520, 27.1715**.

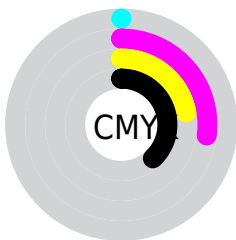
Distribution



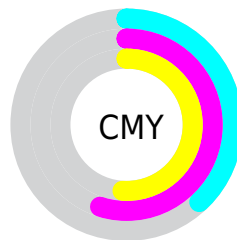
- Red (62%)
- Green (45%)
- Blue (49%)



- Red (62%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1816, 21.3169, 21.9089 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 24.1816, 21.3169, 21.9089 by changing the saturation by 10% instead.

■ 24.1816, 21.3169,
21.9089

■ 24.1816, 21.3169,
21.9089

266.1608,
258.9579, 275.0081

■ 15.5939, 13.3558,
13.5923

■ 49.7789, 45.6144,
47.4956

■ 9.3262, 7.6740,
7.7022

■ 67.5192, 62.7195,
65.6029

■ 5.0134, 3.8871,
3.8199

■ 89.0410, 83.6415,
87.8107

■ 2.2900, 1.6106,
1.5271

■ 114.7097,
108.7648, 114.5377

■ 0.7895, 0.3647,
0.2380

144.8907,
138.4736, 146.2024

■ 0.0000, 0.0000,
0.0000

179.9493,

173.1525, 183.2234

220.2509,
213.1858, 226.0191

■ 24.1816, 21.3169,
21.9089

■ 24.1816, 21.3169,
21.9089

■ 21.7378, 17.6542,
17.3177

■ 27.0478, 25.6520,
27.1715

■ 19.6944, 14.6273,
13.3693

■ 30.3533, 30.6877,
33.1297

■ 18.0303, 12.2007,
10.0351

■ 34.1163, 36.4543,
39.8084

■ 16.7215, 10.3340,
7.2837

■ 38.3535, 42.9794,
47.2304

■ 15.7413, 8.9822,
5.0810

■ 43.0808, 50.2892,
55.4180

■ 15.0591, 8.0929,
3.3889

■ 48.3131, 58.4086,
64.3922

■ 14.6295, 7.5852,
2.1616

■ 54.0650, 67.3615,
74.1733

■ 14.5272, 7.4626,
1.8747

■ 60.3501, 77.1706,
84.7809

■ 65.8586, 85.2112,
95.7928

Harmonies

Analogous

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



23.8869, 21.3169, 27.5987



24.1816, 21.3169, 21.9089



23.3736, 21.3169, 17.3515

Triad

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



24.1816, 21.3169, 21.9089



18.0961, 21.3169, 15.7112



18.8504, 21.3169, 34.4802

Complementary

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



24.1816, 21.3169, 21.9089



25.1874, 30.7443, 33.8863

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.



17.4379, 21.3169, 30.2590



24.1816, 21.3169, 21.9089



17.0221, 21.3169, 19.3140

Square

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



24.1816, 21.3169, 21.9089



19.8014, 21.3169, 14.1617



16.7890, 21.3169, 24.5626



20.7279, 21.3169, 35.4701

Rectangle

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



24.1816, 21.3169, 21.9089



22.3470, 21.3169, 15.3600



16.7890, 21.3169, 24.5626



18.3092, 21.3169, 33.3628

Sweetspot

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



24.1822, 21.3179, 21.9093



53.6624, 53.8935, 58.0844



25.1555, 21.5170, 35.6286



11.8973, 11.8437, 12.7349



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.1822, 21.3179, 21.9093



40.7801, 34.3814, 34.5148



25.2883, 24.3070, 19.8830



6.6810, 6.6653, 7.1711



11.4859, 5.8989, 1.5437



0.2175, 0.1103, 0.0916

Inverse Universe

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



24.1822, 21.3179, 21.9093



40.7801, 34.3814, 34.5148



23.7556, 26.8056, 36.7232



6.6810, 6.6653, 7.1711



11.4859, 5.8989, 1.5437



0.2175, 0.1103, 0.0916

Previews

White Background



This preview shows how the XYZ color 24.1816, 21.3169, 21.9089 looks on a white background.

Color Contrast Check

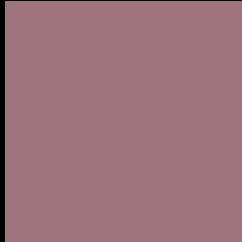
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1816, 21.3169, 21.9089 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 24.1816, 21.3169, 21.9089

Background



This preview shows how black text looks on a background with the XYZ color 24.1816, 21.3169, 21.9089.



This preview shows how white text looks on a background with the XYZ color 24.1816, 21.3169,

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

24.1816, 21.3169, 21.9089

Protanopia

20.6719, 21.4576, 24.1713

Deuteranopia

21.8134, 21.3468, 21.7095



Tritanopia

24.2451, 21.3424, 22.2437

Trichromacy



Original Color

24.1816, 21.3169, 21.9089

Protanomaly

21.7945, 21.2999, 23.3847

Deuteranomaly

22.5044, 21.1589, 21.6369

Tritanomaly

24.2451, 21.3424, 22.2437

Monochromacy



Original Color

24.1816, 21.3169, 21.9089

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2144, 21.8885, 23.4761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1816, 21.3169, 21.9089 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(159, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 116, 124)  
}
```

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(159, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 116, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.1816, 21.3169, 21.9089 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(159, 116, 124) }
```


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

```
.border{ border-color:rgb(159, 116, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 116, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 116, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 116,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1816, 21.3169, 21.9089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 116, 124) }
```

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

```
.background{ background-color: rgb(159,  
116, 124) }
```

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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