

Converting Colors

XYZ(21.4464, 19.4277, 17.7499)

Have a look what the booklet for
XYZ(21.4464, 19.4277, 17.7499)
contains.

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Color

**XYZ(21.5369, 19.5373,
17.6749)**

Conversions

Conversions Part 1

Format	Color
Hex	97716F
RGB	151, 113, 111
RGB Percent	59%, 44%, 44%
CMY	0.4078, 0.5568, 0.5647
CMYK	0.00, 0.25, 0.26, 0.41
HSL	3°, 16%, 51%
HSV	3°, 26%, 59%
XYZ	21.5369, 19.5373, 17.6749
YIQ	124.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

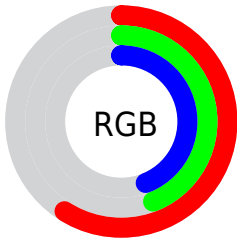
Format	Color
R_{YB}	151, 113, 111
Decimal	9924975
CIE _{Lab}	51.31, 14.70, 6.95
CIE _{LCh}	51, 16.257, 25.312
Yxy	19.5373, 0.3666, 0.3326
Android (android.graphics.Color)	4288115055 (0xFF97716F)
YUV	124.1340, -6.4751, 23.5615
Hunter-Lab	44.2010, 9.6222, 7.2321

Details

The XYZ color **21.5369, 19.5373, 17.6749** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8886, 27.1080, 33.3043**, and the grayscale version is **19.2188, 20.2197, 22.0192**.

A 20% lighter version of the original color is **45.5196, 42.6764, 40.4886**, and **7.9331, 6.7921, 5.5955** is the 20% darker color. If you saturate the color by 10%, you get **19.2990, 16.2815, 13.1679**, and if you desaturate by 10%, it is **24.1694, 23.3571, 23.0073**.

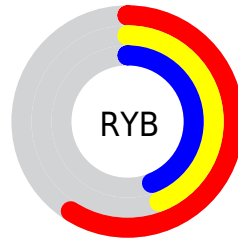
Distribution



Red (59%)

Green (44%)

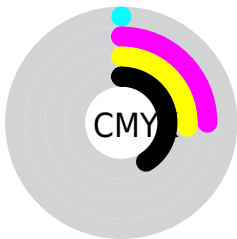
Blue (44%)



Red (59%)

Yellow (44%)

Blue (44%)

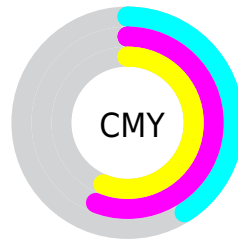


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5369, 19.5373, 17.6749 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 21.5369, 19.5373, 17.6749 by changing the saturation by 10% instead.

■ 21.5369, 19.5373,
17.6749

■ 21.5369, 19.5373,
17.6749

252.7963,
249.3991, 251.2065

■ 13.6317, 12.0592,
10.5498

■ 45.4640, 42.6401,
40.2890

■ 7.9449, 6.7840,
5.6547

■ 62.2166, 59.0335,
56.6151

■ 4.1112, 3.3274,
2.5709

■ 82.6490, 79.1674,
76.8453

■ 1.7653, 1.3049,
0.8774

■ 107.1266,
103.4263, 101.3981

■ 0.4966, 0.1450,
0.0000

136.0148,
132.1945, 130.6921

■ 0.0000, 0.0000,
0.0000

169.6789,

165.8565, 165.1458

208.4843,
204.7965, 205.1777

■ 21.5369, 19.5373,
17.6749

■ 21.5369, 19.5373,
17.6749

■ 19.2990, 16.2815,
13.1679

■ 24.1694, 23.3571,
23.0073

■ 17.4352, 13.5603,
9.4439

■ 27.2124, 27.7628,
29.2023

■ 15.9256, 11.3460,
6.4588

■ 30.6833, 32.7787,
36.2960

■ 14.7476, 9.6073,
4.1631

■ 34.5975, 38.4268,
44.3224

■ 13.8762, 8.3093,
2.5019

■ 38.9700, 44.7281,
53.3136

■ 13.2830, 7.4124,
1.4113

■ 43.8149, 51.7025,
63.3001

■ 12.9304, 6.8686,
0.7965

■ 49.1459, 59.3691,
74.3111

■ 12.8446, 6.7435,
0.6246

■ 54.9758, 67.7462,
86.3747

■ 61.3173, 76.8517,
99.5179

Harmonies

Analogous

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



21.8578, 19.5373, 22.0119



21.5369, 19.5373, 17.6749



20.4034, 19.5373, 14.7360

Triad

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



21.5369, 19.5373, 17.6749



16.1193, 19.5373, 16.5797



18.3156, 19.5373, 31.4849

Complementary

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



21.5369, 19.5373, 17.6749



22.8886, 27.1080, 33.3043

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.



16.8491, 19.5373, 29.5031



21.5369, 19.5373, 17.6749



15.6290, 19.5373, 20.5504

Square

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



21.5369, 19.5373, 17.6749



17.2667, 19.5373, 14.1713



15.8882, 19.5373, 25.3285



19.9365, 19.5373, 30.4212

Rectangle

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



21.5369, 19.5373, 17.6749



19.3724, 19.5373, 13.7438



15.8882, 19.5373, 25.3285



17.7893, 19.5373, 31.1455

Sweetspot

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



21.5374, 19.5382, 17.6753



47.7711, 48.3266, 50.3339



23.8719, 20.1184, 31.0590



10.6758, 10.7207, 11.0694



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.5374, 19.5382, 17.6753



36.0237, 31.2866, 26.5187



24.0195, 24.5023, 18.5026



6.2324, 6.2698, 6.4876



10.9336, 5.7497, 0.5335



0.1692, 0.0975, 0.0099

Inverse Universe

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



22.8886, 27.1080, 33.3043



38.8735, 47.2603, 59.5070



19.9919, 21.3146, 32.3387



6.3581, 6.9735, 7.9399



13.1707, 18.7380, 27.8303



0.2039, 0.2941, 0.4184

Previews

White Background



This preview shows how the XYZ color 21.5369, 19.5373, 17.6749 looks on a white background.

Color Contrast Check

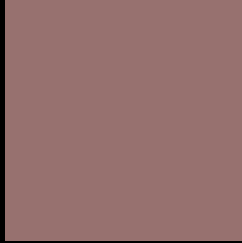
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5369, 19.5373, 17.6749 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 21.5369, 19.5373, 17.6749

Background



This preview shows how black text looks on a background with the XYZ color 21.5369, 19.5373, 17.6749.



This preview shows how white text looks on a background with the XYZ color 21.5369, 19.5373,

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

21.5369, 19.5373, 17.6749

Protanopia

18.7161, 19.6156, 19.3227

Deuteranopia

19.9404, 19.5716, 17.4786



Tritanopia

22.1332, 19.6198, 20.3898

Trichromacy



Original Color

21.5369, 19.5373, 17.6749

Protanomaly

19.6258, 19.5595, 18.6606

Deuteranomaly

20.3876, 19.4562, 17.4327

Tritanomaly

21.9540, 19.5481, 19.4457

Monochromacy



Original Color

21.5369, 19.5373, 17.6749

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8778, 19.8332, 20.2333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5369, 19.5373, 17.6749 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(151, 113, 111)` looks like.

```
.text, #text, p{  
    color:rgb(151, 113, 111)  
}
```

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(151, 113, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 113, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.5369, 19.5373, 17.6749 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(151, 113, 111) }
```


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

```
.border{ border-color:rgb(151, 113, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 113, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 113, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 113, 111);  
box-shadow:4px 4px 4px 4px rgb(151, 113,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5369, 19.5373, 17.6749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 113, 111) }
```

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

```
.background{ background-color: rgb(151,  
113, 111) }
```

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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