

Converting Colors

XYZ(21.4268, 19.4151, 17.8703)

Have a look what the booklet for
XYZ(21.4268, 19.4151, 17.8703)
contains.

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Color

**XYZ(21.4074, 19.4641,
17.9579)**

Conversions

Conversions Part 1

Format	Color
Hex	967170
RGB	150, 113, 112
RGB Percent	59%, 44%, 44%
CMY	0.4118, 0.5568, 0.5608
CMYK	0.00, 0.25, 0.25, 0.41
HSL	2°, 15%, 51%
HSV	2°, 25%, 59%
XYZ	21.4074, 19.4641, 17.9579
YIQ	123.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

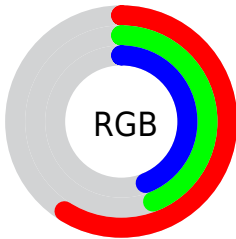
Format	Color
R_{YB}	150, 113, 112
Decimal	9859440
CIE _{Lab}	51.23, 14.45, 6.23
CIE _{LCh}	51, 15.732, 23.315
Yxy	19.4641, 0.3639, 0.3309
Android (android.graphics.Color)	4288049520 (0xFF967170)
YUV	123.9490, -5.8909, 22.8467
Hunter-Lab	44.1181, 9.4066, 6.7492

Details

The XYZ color **21.4074, 19.4641, 17.9579** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9343, 27.1409, 32.8842**, and the grayscale version is **19.1554, 20.1529, 21.9466**.

A 20% lighter version of the original color is **45.3328, 42.5697, 40.9494**, and **7.8527, 6.7474, 5.7390** is the 20% darker color. If you saturate the color by 10%, you get **19.1406, 16.1575, 13.4194**, and if you desaturate by 10%, it is **24.0767, 23.3526, 23.3175**.

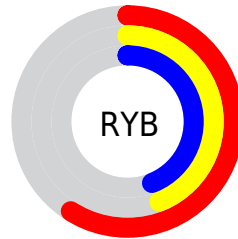
Distribution



Red (59%)

Green (44%)

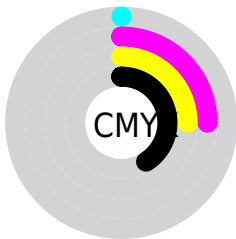
Blue (44%)



Red (59%)

Yellow (44%)

Blue (44%)

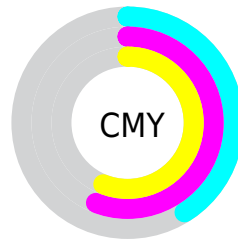


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (41%)



Cyan (41%)


Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4074, 19.4641, 17.9579 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 21.4074, 19.4641, 17.9579 by changing the saturation by 10% instead.


 21.4074, 19.4641,
17.9579

 21.4074, 19.4641,
17.9579


252.1267,
248.9990, 252.8618


 13.5363, 12.0061,
10.7506


 45.2508, 42.5169,
40.7785


 7.8784, 6.7478,
5.7874


 61.9537, 58.8804,
57.2290

 4.0684, 3.3049,
2.6495

 82.3313, 78.9813,
77.5976

 1.7409, 1.2929,
0.9179

 106.7490,
103.2038, 102.3029

 0.4817, 0.1357,
0.0000

135.5720,
131.9325, 131.7634

 0.0000, 0.0000,
0.0000

169.1657,

165.5517, 166.3977

207.8955,
204.4457, 206.6243

■ 21.4074, 19.4641,
17.9579

■ 21.4074, 19.4641,
17.9579

■ 19.1406, 16.1575,
13.4194

■ 24.0767, 23.3526,
23.3175

■ 17.2552, 13.4022,
9.6602

■ 27.1648, 27.8462,
29.5347

■ 15.7308, 11.1691,
6.6371

■ 30.6895, 32.9702,
36.6451

■ 14.5442, 9.4253,
4.3016

■ 34.6666, 38.7475,
44.6821

■ 13.6699, 8.1341,
2.5999

■ 39.1115, 45.2001,
53.6773

■ 13.0783, 7.2535,
1.4699

■ 44.0387, 52.3487,
63.6610

■ 12.7332, 6.7336,
0.8296

■ 49.4620, 60.2134,
74.6617

■ 12.6207, 6.5700,
0.6029

■ 55.3948, 68.8132,
86.7074

■ 61.8499, 78.1667,
99.8244

Harmonies

Analogous

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



21.6570, 19.4641, 22.2136



21.4074, 19.4641, 17.9579



20.3592, 19.4641, 14.9988

Triad

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



21.4074, 19.4641, 17.9579



16.1874, 19.4641, 16.4445



18.1515, 19.4641, 30.9711

Complementary

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



21.4074, 19.4641, 17.9579



22.9343, 27.1409, 32.8842

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.



16.7577, 19.4641, 28.8938



21.4074, 19.4641, 17.9579



15.6659, 19.4641, 20.2043

Square

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



21.4074, 19.4641, 17.9579



17.3329, 19.4641, 14.2151



15.8686, 19.4641, 24.7952



19.7184, 19.4641, 30.1467

Rectangle

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



21.4074, 19.4641, 17.9579



19.3787, 19.4641, 13.9551



15.8686, 19.4641, 24.7952



17.6483, 19.4641, 30.5805

Sweetspot

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



21.4079, 19.4650, 17.9583



46.3235, 46.7913, 48.8656



23.8261, 20.2542, 31.2412



10.0940, 10.1195, 10.4831



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.



21.4079, 19.4650, 17.9583



35.5899, 31.1574, 27.3043



23.7041, 24.0573, 18.7237



5.8123, 5.8385, 6.0611



10.4711, 5.4566, 0.5013



0.1306, 0.0717, 0.0069

Inverse Universe

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



22.9343, 27.1409, 32.8842



38.7214, 46.9079, 57.9345



20.2188, 21.7099, 31.9790



5.9511, 6.5362, 7.4177



13.1000, 18.8947, 26.8876



0.1637, 0.2379, 0.3302

Previews

White Background



This preview shows how the XYZ color 21.4074, 19.4641, 17.9579 looks on a white background.

Color Contrast Check

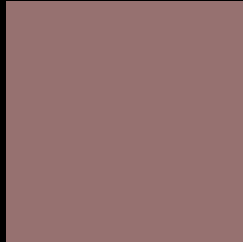
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4074, 19.4641, 17.9579 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 21.4074, 19.4641, 17.9579

Background



This preview shows how black text looks on a background with the XYZ color 21.4074, 19.4641, 17.9579.



This preview shows how white text looks on a background with the XYZ color 21.4074, 19.4641,

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

21.4074, 19.4641, 17.9579

Protanopia

18.7746, 19.6390, 19.6308

Deuteranopia

19.8289, 19.5078, 17.7592



Tritanopia

21.9468, 19.5237, 20.3810

Trichromacy



Original Color

21.4074, 19.4641, 17.9579

Protanomaly

19.6830, 19.5824, 18.9620

Deuteranomaly

20.2700, 19.3893, 17.7131

Tritanomaly

21.7676, 19.4520, 19.4370

Monochromacy



Original Color

21.4074, 19.4641, 17.9579

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.7795, 19.7756, 20.5439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4074, 19.4641, 17.9579 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(150, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(150, 113, 112)  
}
```

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(150, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 113, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.4074, 19.4641, 17.9579 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(150, 113, 112) }
```


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

```
.border{ border-color:rgb(150, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(150, 113,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4074, 19.4641, 17.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 113, 112) }
```

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

```
.background{ background-color: rgb(150,  
113, 112) }
```

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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