

Converting Colors

XYZ(22.1884, 21.0048, 19.8126)

Have a look what the booklet for
XYZ(22.1884, 21.0048, 19.8126)
contains.

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Color

**XYZ(22.1401, 21.0132,
19.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	947875
RGB	148, 120, 117
RGB Percent	58%, 47%, 46%
CMY	0.4196, 0.5294, 0.5412
CMYK	0.00, 0.19, 0.21, 0.42
HSL	6°, 13%, 52%
HSV	6°, 21%, 58%
XYZ	22.1401, 21.0132, 19.7187
YIQ	128.0300, 17.6510, 5.0030

Conversions

Conversions Part 2

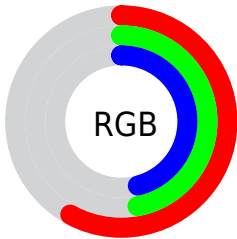
Format	Color
R_{YB}	148, 120, 117
Decimal	9730165
CIE _{Lab}	52.96, 10.39, 5.75
CIE _{LCh}	53, 11.872, 28.966
Yxy	21.0132, 0.3521, 0.3342
Android (android.graphics.Color)	4287920245 (0xFF947875)
YUV	128.0300, -5.4378, 17.5137
Hunter-Lab	45.8402, 5.9925, 6.5838

Details

The XYZ color **22.1401, 21.0132, 19.7187** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8066, 26.1702, 31.8664**, and the grayscale version is **20.5427, 21.6125, 23.5360**.

A 20% lighter version of the original color is **46.2711, 44.9262, 43.7690**, and **8.2572, 7.4775, 6.6383** is the 20% darker color. If you saturate the color by 10%, you get **19.8410, 17.6992, 14.9932**, and if you desaturate by 10%, it is **24.8024, 24.8330, 25.2445**.

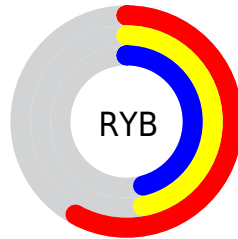
Distribution



Red (58%)

Green (47%)

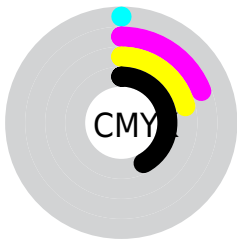
Blue (46%)



Red (58%)

Yellow (47%)

Blue (46%)

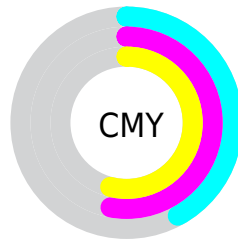


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1401, 21.0132, 19.7187 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 22.1401, 21.0132, 19.7187 by changing the saturation by 10% instead.

■ 22.1401, 21.0132,
19.7187

■ 22.1401, 21.0132,
19.7187

255.8957,
257.3486, 262.9419

■ 14.0771, 13.1337,
12.0087

■ 46.4546, 45.1095,
43.7978

■ 8.2563, 7.5206,
6.6270

■ 63.4367, 62.0950,
61.0040

■ 4.3126, 3.7898,
3.1550

■ 84.1226, 82.8847,
82.2126

■ 1.8805, 1.5567,
1.1743

108.8776,
107.8629, 107.8423

■ 0.5654, 0.3281,
0.0000

138.0670,
137.4140, 138.3115

■ 0.0000, 0.0000,
0.0000

172.0563,

171.9224, 174.0388

211.2107,
211.7725, 215.4427

■ 22.1401, 21.0132,
19.7187

■ 22.1401, 21.0132,
19.7187

■ 19.8410, 17.6992,
14.9932

■ 24.8024, 24.8330,
25.2445

■ 17.8877, 14.8670,
11.0298

■ 27.8408, 29.1756,
31.6040

■ 16.2639, 12.4950,
7.7888

■ 31.2699, 34.0607,
38.8302

■ 14.9513, 10.5590,
5.2266

■ 35.1030, 39.5060,
46.9540

■ 13.9298, 9.0322,
3.2948

■ 39.3524, 45.5286,
56.0047

■ 13.1771, 7.8852,
1.9387

■ 44.0304, 52.1449,
66.0103

■ 12.6672, 7.0844,
1.0943

■ 49.1484, 59.3703,
76.9976

■ 12.3744, 6.6191,
0.6254

■ 54.7176, 67.2201,
88.9924

■ 60.7487, 75.7086,
102.0195

Harmonies

Analogous

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



22.4619, 21.0132, 23.0037



22.1401, 21.0132, 19.7187



21.2317, 21.0132, 17.4955

Triad

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



22.1401, 21.0132, 19.7187



17.9913, 21.0132, 19.5253



19.9292, 21.0132, 30.4389

Complementary

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



22.1401, 21.0132, 19.7187



22.8066, 26.1702, 31.8664

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.



18.7639, 21.0132, 29.2689



22.1401, 21.0132, 19.7187



17.6741, 21.0132, 22.7563

Square

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



22.1401, 21.0132, 19.7187



18.8358, 21.0132, 17.3922



17.9510, 21.0132, 26.3619



21.1539, 21.0132, 29.4150

Rectangle

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



22.1401, 21.0132, 19.7187



20.4339, 21.0132, 16.7908



17.9510, 21.0132, 26.3619



19.5179, 21.0132, 30.2873

Sweetspot

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



22.1407, 21.0142, 19.7191



46.2649, 47.3965, 49.7700



23.7173, 21.0760, 29.7750



10.4914, 10.7197, 11.2151



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.



22.1407, 21.0142, 19.7191



37.1406, 34.3067, 30.8250



24.0994, 24.9317, 20.3721



5.8433, 5.9004, 6.0714



10.5799, 5.6743, 0.5376



0.1384, 0.0873, 0.0095

Inverse Universe

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



22.8066, 26.1702, 31.8664



38.5246, 45.0304, 56.0959



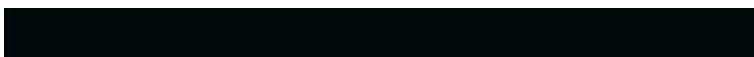
20.6532, 21.8634, 31.1486



5.9166, 6.4672, 7.4062



11.8188, 16.3324, 26.4606



0.1559, 0.2223, 0.3276

Previews

White Background



This preview shows how the XYZ color 22.1401, 21.0132, 19.7187 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 22.1401, 21.0132, 19.7187 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 22.1401, 21.0132, 19.7187

Background



This preview shows how black text looks on a background with the XYZ color 22.1401, 21.0132, 19.7187.



This preview shows how white text looks on a background with the XYZ color 22.1401, 21.0132,

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

22.1401, 21.0132, 19.7187

Protanopia

20.0569, 21.0236, 20.7701

Deuteranopia

21.4981, 21.0431, 19.7583



Tritanopia

22.7691, 20.9049, 23.2571

Trichromacy



Original Color

22.1401, 21.0132, 19.7187

Protanomaly

20.8540, 21.0656, 20.4197

Deuteranomaly

21.7253, 20.9788, 19.7339

Tritanomaly

22.6293, 21.0384, 21.9369

Monochromacy



Original Color

22.1401, 21.0132, 19.7187

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.9634, 21.2734, 22.0701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1401, 21.0132, 19.7187 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, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(148, 120, 117)  
}
```

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, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 120, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.1401, 21.0132, 19.7187 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, 120, 117) }
```


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

```
.border{ border-color:rgb(148, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(148, 120,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1401, 21.0132, 19.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 120, 117) }
```

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

```
.background{ background-color: rgb(148,  
120, 117) }
```

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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