

Converting Colors

XYZ(21.6310, 20.8486, 14.2127)

Have a look what the booklet for
XYZ(21.6310, 20.8486, 14.2127)
contains.

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Color

**XYZ(21.6366, 20.8753,
14.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	977861
RGB	151, 120, 97
RGB Percent	59%, 47%, 38%
CMY	0.4078, 0.5294, 0.6196
CMYK	0.00, 0.21, 0.36, 0.41
HSL	26°, 22%, 49%
HSV	26°, 36%, 59%
XYZ	21.6366, 20.8753, 14.1982
YIQ	126.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

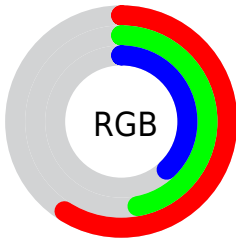
Format	Color
R_{YB}	151, 137, 97
Decimal	9926753
CIE _{Lab}	52.81, 8.69, 17.22
CIE _{LCh}	53, 19.291, 63.230
Yxy	20.8753, 0.3815, 0.3681
Android (android.graphics.Color)	4288116833 (0xFF977861)
YUV	126.6470, -14.6160, 21.3576
Hunter-Lab	45.6895, 4.5734, 13.5580

Details

The XYZ color **21.6366, 20.8753, 14.1982** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2345, 20.2133, 32.2186**, and the grayscale version is **20.0945, 21.1410, 23.0225**.

A 20% lighter version of the original color is **45.5514, 44.7650, 34.2567**, and **8.0387, 7.5177, 4.0450** is the 20% darker color. If you saturate the color by 10%, you get **20.0029, 18.6294, 10.5045**, and if you desaturate by 10%, it is **23.4998, 23.3655, 18.6301**.

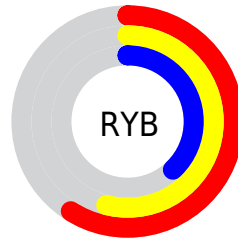
Distribution



Red (59%)

Green (47%)

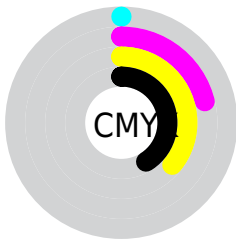
Blue (38%)



Red (59%)

Yellow (54%)

Blue (38%)

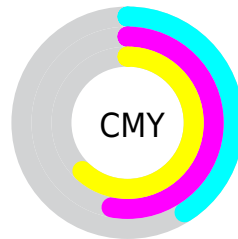


Cyan (0%)

Magenta (21%)

Yellow (36%)

Black (41%)



Cyan (41%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.6366, 20.8753, 14.1982 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 21.6366, 20.8753, 14.1982 by changing the saturation by 10% instead.


 21.6366, 20.8753,
14.1982


 21.6366, 20.8753,
14.1982


253.3108,
256.6150, 229.9315


 13.7052, 13.0329,
8.1183


 45.6280, 44.8799,
34.1625


 7.9963, 7.4512,
4.0819


 62.4187, 61.8109,
48.8839

 4.1443, 3.7458,
1.6704

 82.8932, 82.5402,
67.3230

 1.7841, 1.5324,
0.3403

 107.4170,
107.4522, 89.8983

 0.5081, 0.3114,
0.0000

136.3552,
136.9312, 117.0282

 0.0000, 0.0000,
0.0000

170.0734,

171.3618, 149.1313

208.9368,
211.1283, 186.6263

■ 21.6366, 20.8753,
14.1982

■ 21.6366, 20.8753,
14.1982

■ 20.0029, 18.6294,
10.5045

■ 23.4998, 23.3655,
18.6301

■ 18.5870, 16.6169,
7.5067

■ 25.6003, 26.1047,
23.8368

■ 17.3784, 14.8302,
5.1602

■ 27.9475, 29.1011,
29.8539

■ 16.3650, 13.2601,
3.4145

■ 30.5498, 32.3617,
36.7143

■ 15.5331, 11.8965,
2.2116

■ 33.4150, 35.8930,
44.4493

■ 14.8646, 10.7274,
1.4710

■ 36.5509, 39.7015,
53.0884

■ 14.6142, 10.2828,
1.2145

■ 39.9646, 43.7933,
62.6598

■ 43.6631, 48.1743,
73.1904

■ 47.6531, 52.8504,
84.7061

Harmonies

Analogous

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



23.2590, 20.8753, 17.1791



21.6366, 20.8753, 14.1982



19.6240, 20.8753, 13.3598

Triad

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



21.6366, 20.8753, 14.1982



16.2217, 20.8753, 23.3601



22.0394, 20.8753, 33.3224

Complementary

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



21.6366, 20.8753, 14.1982



18.2345, 20.2133, 32.2186

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.



20.0603, 20.8753, 35.6935



21.6366, 20.8753, 14.1982



16.7760, 20.8753, 29.3630

Square

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



21.6366, 20.8753, 14.1982



16.5817, 20.8753, 18.0927



18.1483, 20.8753, 34.1351



23.5024, 20.8753, 28.0981

Rectangle

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



21.6366, 20.8753, 14.1982



18.3532, 20.8753, 13.9878



18.1483, 20.8753, 34.1351



21.4078, 20.8753, 34.5161

Sweetspot

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



21.6371, 20.8763, 14.1986



47.7001, 49.1293, 47.3984



20.9666, 16.7006, 22.7136



10.7254, 11.0177, 10.4760



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.



21.6371, 20.8763, 14.1986



36.3483, 34.0949, 19.9710



25.2763, 28.1546, 15.4117



6.4143, 6.6337, 6.5482



12.4599, 8.8023, 1.0423



0.2213, 0.2016, 0.0272

Inverse Universe

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



18.2345, 20.2133, 32.2186



29.3129, 32.7157, 57.2035



15.2182, 14.1807, 31.2132



6.1640, 6.5854, 7.8752



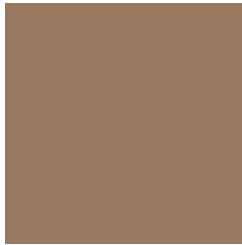
7.6579, 7.7124, 25.9927



0.1505, 0.1873, 0.4006

Previews

White Background



This preview shows how the XYZ color 21.6366, 20.8753, 14.1982 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 21.6366, 20.8753, 14.1982 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 21.6366, 20.8753, 14.1982

Background



This preview shows how black text looks on a background with the XYZ color 21.6366, 20.8753, 14.1982.



This preview shows how white text looks on a background with the XYZ color 21.6366, 20.8753,

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

21.6366, 20.8753, 14.1982

Protanopia

19.5926, 20.9101, 15.0600

Deuteranopia

21.2078, 20.8337, 14.2128



Tritanopia

23.2735, 20.8415, 22.1982

Trichromacy



Original Color

21.6366, 20.8753, 14.1982

Protanomaly

20.2750, 20.8916, 14.7683

Deuteranomaly

21.3895, 20.9274, 14.2213

Tritanomaly

22.5927, 20.7327, 19.0307

Monochromacy



Original Color

21.6366, 20.8753, 14.1982

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5134, 20.9105, 19.4780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6366, 20.8753, 14.1982 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, 120, 97)` looks like.

```
.text, #text, p{  
    color:rgb(151, 120, 97)  
}
```

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, 120, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 120, 97) }
```

Border

The CSS property to change the border of an element to XYZ 21.6366, 20.8753, 14.1982 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, 120, 97) }
```


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

```
.border{ border-color:rgb(151, 120, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 120, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 120, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 120, 97);  
box-shadow:4px 4px 4px 4px rgb(151, 120,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6366, 20.8753, 14.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 120, 97) }
```

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

```
.background{ background-color: rgb(151,  
120, 97) }
```

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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