

Converting Colors

XYZ(21.3304, 20.9961, 17.9673)

Have a look what the booklet for
XYZ(21.3304, 20.9961, 17.9673)
contains.

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Color

**XYZ(21.3304, 20.9961,
17.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	907A6F
RGB	144, 122, 111
RGB Percent	56%, 48%, 44%
CMY	0.4353, 0.5216, 0.5647
CMYK	0.00, 0.15, 0.23, 0.44
HSL	20°, 13%, 50%
HSV	20°, 23%, 56%
XYZ	21.3304, 20.9961, 17.9673
YIQ	127.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

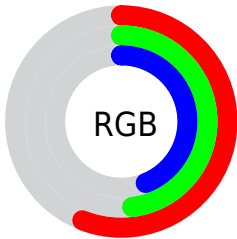
Format	Color
R_{YB}	144, 128, 111
Decimal	9468527
CIE Lab	52.95, 6.67, 9.17
CIE LCh	53, 11.341, 53.971
Yxy	20.9961, 0.3538, 0.3482
Android (android.graphics.Color)	4287658607 (0xFF907A6F)
YUV	127.3240, -8.0477, 14.6249
Hunter-Lab	45.8215, 2.9060, 8.8266

Details

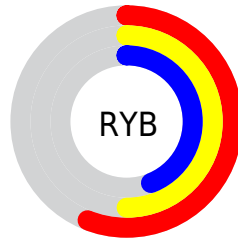
The XYZ color **21.3304, 20.9961, 17.9673** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9769, 22.1675, 29.6116**, and the grayscale version is **20.3075, 21.3651, 23.2666**.

A 20% lighter version of the original color is **45.0356, 44.9222, 40.9476**, and **7.7939, 7.4511, 5.7301** is the 20% darker color. If you saturate the color by 10%, you get **19.4797, 18.4629, 13.7489**, and if you desaturate by 10%, it is **23.4265, 23.8152, 22.8987**.

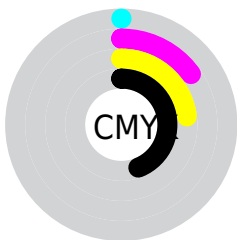
Distribution



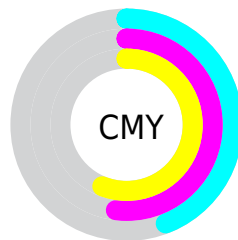
- Red (56%)
- Green (48%)
- Blue (44%)



- Red (56%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (44%)





- Cyan (44%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3304, 20.9961, 17.9673 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 21.3304, 20.9961, 17.9673 by changing the saturation by 10% instead.

 21.3304, 20.9961,
17.9673


 21.3304, 20.9961,
17.9673


251.7278,
257.2578, 252.9166


 13.4796, 13.1212,
10.7573


 45.1239, 45.0810,
40.7948


 7.8389, 7.5120,
5.7918


 61.7973, 62.0598,
57.2494

 4.0429, 3.7843,
2.6522

 82.1422, 82.8420,
77.6226

 1.7265, 1.5537,
0.9192

 106.5241,
107.8120, 102.3329

 0.4727, 0.3261,
0.0000

135.3082,
137.3542, 131.7989

 0.0000, 0.0000,
0.0000

168.8600,

171.8529, 166.4392

207.5447,
211.6927, 206.6722

■ 21.3304, 20.9961,
17.9673

■ 21.3304, 20.9961,
17.9673

■ 19.4797, 18.4629,
13.7489

■ 23.4265, 23.8152,
22.8987

■ 17.8633, 16.2036,
10.2089

■ 25.7752, 26.9260,
28.5728

■ 16.4716, 14.2095,
7.3116

■ 28.3856, 30.3379,
35.0194

■ 15.2936, 12.4702,
5.0176

■ 31.2657, 34.0589,
42.2662

■ 14.3174, 10.9748,
3.2832

■ 34.4232, 38.0966,
50.3394

■ 13.5296, 9.7112,
2.0586

■ 37.8655, 42.4585,
59.2642

■ 12.9149, 8.6664,
1.2850

■ 41.5997, 47.1516,
69.0645

■ 12.5592, 8.0444,
0.8908

■ 45.6326, 52.1830,
79.7635

■ 49.9708, 57.5594,
91.3834

Harmonies

Analogous

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



22.1175, 20.9961, 20.3045



21.3304, 20.9961, 17.9673



20.1971, 20.9961, 16.9520

Triad

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



21.3304, 20.9961, 17.9673



17.7692, 20.9961, 22.1808



20.8989, 20.9961, 29.3764

Complementary

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



21.3304, 20.9961, 17.9673



19.9769, 22.1675, 29.6116

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.



19.7172, 20.9961, 30.0051



21.3304, 20.9961, 17.9673



17.9405, 20.9961, 25.6239

Square

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



21.3304, 20.9961, 17.9673



18.1649, 20.9961, 19.2244



18.6423, 20.9961, 28.5716



21.8615, 20.9961, 26.9299

Rectangle

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



21.3304, 20.9961, 17.9673



19.4096, 20.9961, 17.0812



18.6423, 20.9961, 28.5716



20.5129, 20.9961, 29.8169

Sweetspot

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



21.3310, 20.9971, 17.9677



43.6546, 45.1077, 46.0016



21.4199, 18.9919, 24.7273



9.9632, 10.2810, 10.4338



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.3310, 20.9971, 17.9677



36.0559, 34.8997, 28.0874



23.5314, 25.3979, 18.7012



5.5467, 5.6996, 5.6972



10.9566, 7.0449, 0.7823



0.1234, 0.1047, 0.0137

Inverse Universe

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



19.9769, 22.1675, 29.6116



33.2752, 37.2984, 51.9836



17.8930, 17.9997, 28.9169



5.4108, 5.8174, 6.8665



8.0473, 9.0805, 24.3057



0.0973, 0.1275, 0.2392

Previews

White Background



This preview shows how the XYZ color 21.3304, 20.9961, 17.9673 looks on a white background.

Color Contrast Check

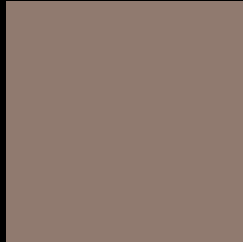
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3304, 20.9961, 17.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

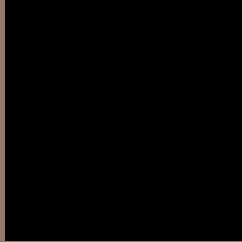
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3304, 20.9961, 17.9673

Background



This preview shows how black text looks on a background with the XYZ color 21.3304, 20.9961, 17.9673.



This preview shows how white text looks on a background with the XYZ color 21.3304, 20.9961,

17.9673.

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

21.3304, 20.9961, 17.9673

Protanopia

19.9572, 21.0195, 18.6281

Deuteranopia

21.3304, 20.9961, 17.9673



Tritanopia

22.4133, 20.8896, 23.6197

Trichromacy



Original Color

21.3304, 20.9961, 17.9673

Protanomaly

20.4116, 21.0713, 18.3206

Deuteranomaly

21.3304, 20.9961, 17.9673

Tritanomaly

21.9064, 20.8578, 21.2837

Monochromacy



Original Color

21.3304, 20.9961, 17.9673

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4577, 21.0343, 21.0709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3304, 20.9961, 17.9673 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(144, 122, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 122, 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(144, 122, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 122, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.3304, 20.9961, 17.9673 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(144, 122, 111) }
```


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

```
.border{ border-color:rgb(144, 122, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 122, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 122, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 122, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 122,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3304, 20.9961, 17.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 122, 111) }
```

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

```
.background{ background-color: rgb(144,  
122, 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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