

Converting Colors

XYZ(20.4982, 21.4180, 14.2158)

Have a look what the booklet for
XYZ(20.4982, 21.4180, 14.2158)
contains.

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Color

**XYZ(20.3874, 21.3417,
14.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7E60
RGB	140, 126, 96
RGB Percent	55%, 49%, 38%
CMY	0.4510, 0.5059, 0.6235
CMYK	0.00, 0.10, 0.31, 0.45
HSL	41°, 19%, 46%
HSV	41°, 31%, 55%
XYZ	20.3874, 21.3417, 14.1112
YIQ	126.7660, 17.9740, -6.3620

Conversions

Conversions Part 2

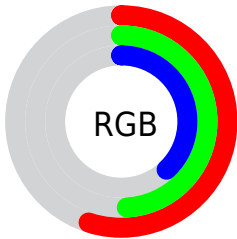
Format	Color
RYB	117, 140, 96
Decimal	9207392
CIELab	53.32, 0.50, 18.31
CIELCh	53, 18.315, 88.424
Yxy	21.3417, 0.3651, 0.3822
Android (android.graphics.Color)	4287397472 (0xFF8C7E60)
YUV	126.7660, -15.1676, 11.6062
Hunter-Lab	46.1971, -2.0704, 14.2274

Details

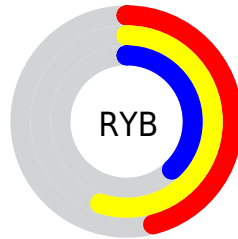
The XYZ color **20.3874, 21.3417, 14.1112** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1333, 15.5317, 27.0113**, and the grayscale version is **20.1390, 21.1878, 23.0736**.

A 20% lighter version of the original color is **43.6347, 45.8161, 34.1474**, and **7.3281, 7.6534, 3.9967** is the 20% darker color. If you saturate the color by 10%, you get **19.2427, 19.9935, 10.8278**, and if you desaturate by 10%, it is **21.6734, 22.7885, 18.0085**.

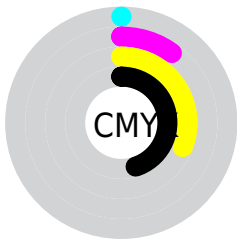
Distribution



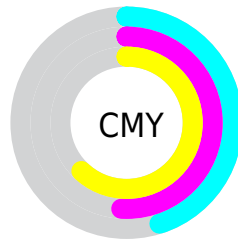
- Red (55%)
- Green (49%)
- Blue (38%)



- Red (46%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3874, 21.3417, 14.1112 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 20.3874, 21.3417, 14.1112 by changing the saturation by 10% instead.

■ 20.3874, 21.3417,
14.1112

■ 20.3874, 21.3417,
14.1112

246.7985,
259.0889, 229.3740

■ 12.7869, 13.3740,
8.0584

■ 43.5647, 45.6555,
34.0062

■ 7.3579, 7.6866,
4.0440

■ 59.8723, 62.7704,
48.6854

■ 3.7352, 3.8951,
1.6495

■ 79.8128, 83.7032,
67.0773

■ 1.5535, 1.6150,
0.3258

■ 103.7517,
108.8383, 89.6002

■ 0.3618, 0.3677,
0.0000

132.0544,
138.5600, 116.6728

■ 0.0000, 0.0000,
0.0000

165.0862,

173.2527, 148.7136

203.2124,
213.3009, 186.1411

■ 20.3874, 21.3417,
14.1112

■ 20.3874, 21.3417,
14.1112

■ 19.2427, 19.9935,
10.8278

■ 21.6734, 22.7885,
18.0085

■ 18.2312, 18.7380,
8.1250

■ 23.1049, 24.3338,
22.5484

■ 17.3465, 17.5726,
5.9678

■ 24.6882, 25.9814,
27.7590

■ 16.5808, 16.4938,
4.3173

■ 26.4285, 27.7339,
33.6666

■ 15.9255, 15.4976,
3.1293

■ 28.3308, 29.5937,
40.2960

■ 15.3703, 14.5793,
2.3519

■ 30.3998, 31.5633,
47.6708

■ 14.9495, 13.8439,
1.8842

■ 32.6402, 33.6449,
55.8136

■ 35.0561, 35.8407,
64.7457

■ 37.6520, 38.1529,
74.4880

Harmonies

Analogous

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



22.3012, 21.3417, 15.2730



20.3874, 21.3417, 14.1112



18.5605, 21.3417, 15.0520

Triad

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



20.3874, 21.3417, 14.1112



17.1779, 21.3417, 28.7022



23.6313, 21.3417, 29.2920

Complementary

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



20.3874, 21.3417, 14.1112



15.1333, 15.5317, 27.0113

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.



22.1124, 21.3417, 33.9552



20.3874, 21.3417, 14.1112



18.3935, 21.3417, 33.5783

Square

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



20.3874, 21.3417, 14.1112



16.7798, 21.3417, 22.9449



20.1822, 21.3417, 35.6352



24.2464, 21.3417, 23.5325

Rectangle

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



20.3874, 21.3417, 14.1112



17.6203, 21.3417, 16.8449



20.1822, 21.3417, 35.6352



23.2049, 21.3417, 31.0719

Sweetspot

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



20.3879, 21.3427, 14.1116



41.3363, 43.5359, 41.7054



17.8492, 15.0818, 16.9135



9.4435, 9.9460, 9.3454



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.3879, 21.3427, 14.1116



34.4329, 35.8581, 20.5091



21.1098, 24.5602, 14.6946



5.2991, 5.5811, 5.3504



13.3014, 12.3372, 1.6803



0.1016, 0.1084, 0.0156

Inverse Universe

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



15.1333, 15.5317, 27.0113



23.6037, 23.8874, 47.1097



14.5486, 13.1628, 26.5849



4.8961, 5.1351, 6.3390



5.0405, 3.3512, 22.4269



0.0456, 0.0464, 0.1530

Previews

White Background



This preview shows how the XYZ color 20.3874, 21.3417, 14.1112 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 20.3874, 21.3417, 14.1112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

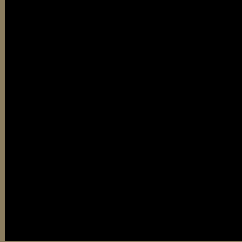
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3874, 21.3417, 14.1112

Background



This preview shows how black text looks on a background with the XYZ color 20.3874, 21.3417, 14.1112.



This preview shows how white text looks on a background with the XYZ color 20.3874, 21.3417,

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

20.3874, 21.3417, 14.1112

Protanopia

19.9004, 21.2761, 14.3671

Deuteranopia

21.6949, 21.2662, 14.2706



Tritanopia

22.4357, 21.2427, 24.3905

Trichromacy



Original Color

20.3874, 21.3417, 14.1112

Protanomaly

20.0636, 21.3602, 14.3747

Deuteranomaly

21.0947, 21.1400, 14.2779

Tritanomaly

21.6807, 21.3136, 20.1108

Monochromacy



Original Color

20.3874, 21.3417, 14.1112

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2575, 21.3452, 19.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3874, 21.3417, 14.1112 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(140, 126, 96) looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 96)  
}
```

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(140, 126, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 96) }
```

Border

The CSS property to change the border of an element to XYZ 20.3874, 21.3417, 14.1112 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(140, 126, 96) }
```


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

```
.border{ border-color:rgb(140, 126, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3874, 21.3417, 14.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 96) }
```

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

```
.background{ background-color: rgb(140,  
126, 96) }
```

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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