

Converting Colors

XYZ(21.4049, 19.6030, 7.5452)

Have a look what the booklet for
XYZ(21.4049, 19.6030, 7.5452)
contains.

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Color

**XYZ(21.4175, 19.5356,
7.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	A17040
RGB	161, 112, 64
RGB Percent	63%, 44%, 25%
CMY	0.3686, 0.5608, 0.7490
CMYK	0.00, 0.30, 0.60, 0.37
HSL	30°, 43%, 44%
HSV	30°, 60%, 63%
XYZ	21.4175, 19.5356, 7.4924
YIQ	121.1790, 44.6120, -4.5400

Conversions

Conversions Part 2

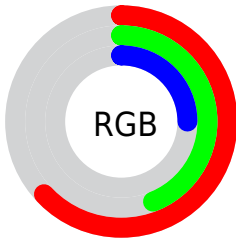
Format	Color
RYB	161, 159, 64
Decimal	10580032
CIELab	51.31, 14.14, 34.09
CIELCh	51, 36.908, 67.472
Yxy	19.5356, 0.4421, 0.4032
Android (android.graphics.Color)	4288770112 (0xFFA17040)
YUV	121.1790, -28.1892, 34.9230
Hunter-Lab	44.1991, 9.1471, 20.8888

Details


The XYZ color **21.4175, 19.5356, 7.4924** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.4521, 15.4726, 35.9427**, and the grayscale version is **18.3106, 19.2642, 20.9787**.

A 20% lighter version of the original color is **45.1695, 42.6486, 21.4741**, and **7.8864, 6.7746, 1.4642** is the 20% darker color. If you saturate the color by 10%, you get **20.1668, 17.6646, 5.1323**, and if you desaturate by 10%, it is **22.8825, 21.6236, 10.5768**.

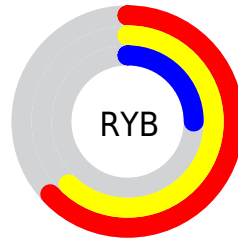
Distribution



 Red (63%)

 Green (44%)

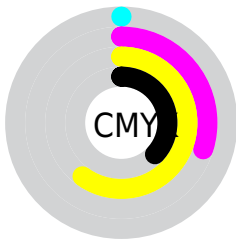
 Blue (25%)



 Red (63%)

 Yellow (62%)

 Blue (25%)

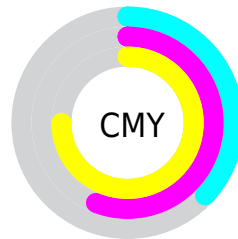


 Cyan (0%)


 Magenta (30%)

 Yellow (60%)

 Black (37%)



 Cyan (37%)

 Magenta (56%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4175, 19.5356, 7.4924 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 21.4175, 19.5356, 7.4924 by changing the saturation by 10% instead.

■ 21.4175, 19.5356,
7.4924

■ 21.4175, 19.5356,
7.4924

252.1790,
249.3898, 181.4779

■ 13.5437, 12.0579,
3.6888

■ 45.2674, 42.6372,
21.4867

■ 7.8836, 6.7831,
1.4562

■ 61.9742, 59.0299,
32.5144

■ 4.0717, 3.3268,
0.1850

■ 82.3561, 79.1631,
46.7873

■ 1.7428, 1.3047,
0.0000

■ 106.7784,
103.4211, 64.7239

■ 0.4828, 0.1448,
0.0000

■ 135.6065,
132.1884, 86.7427

■ 0.0000, 0.0000,
0.0000

■ 169.2057,

165.8494, 113.2623

207.9414,
204.7884, 144.7012

■ 21.4175, 19.5356,
7.4924

■ 21.4175, 19.5356,
7.4924

■ 20.1668, 17.6646,
5.1323

■ 22.8825, 21.6236,
10.5768

■ 19.1151, 15.9986,
3.4330

■ 24.5728, 23.9339,
14.4396

■ 18.2468, 14.5288,
2.3212

■ 26.5001, 26.4752,
19.1308

■ 17.5429, 13.2671,
1.6362

■ 28.6748, 29.2547,
24.6962

■ 31.1069, 32.2792,
31.1778

■ 33.8053, 35.5554,
38.6152

■ 36.7789, 39.0895,
47.0454

■ 40.0358, 42.8874,
56.5037

■ 43.5839, 46.9551,
67.0233

Harmonies

Analogous

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



24.7791, 19.5356, 11.1588



21.4175, 19.5356, 7.4924



17.6616, 19.5356, 6.8267

Triad

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



21.4175, 19.5356, 7.4924



12.3907, 19.5356, 24.0210



23.2215, 19.5356, 41.7857

Complementary

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



21.4175, 19.5356, 7.4924



14.4521, 15.4726, 35.9427

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.



19.5049, 19.5356, 48.4061



21.4175, 19.5356, 7.4924



13.4926, 19.5356, 36.1612

Square

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



21.4175, 19.5356, 7.4924



12.7613, 19.5356, 14.4043



15.9832, 19.5356, 46.0639



25.9130, 19.5356, 30.0325

Rectangle

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



21.4175, 19.5356, 7.4924



15.4870, 19.5356, 7.8676



15.9832, 19.5356, 46.0639



22.0327, 19.5356, 44.8363

Sweetspot

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



21.4180, 19.5366, 7.4928



52.1503, 53.3932, 46.3167



19.5752, 12.4615, 17.3281



11.1872, 11.3952, 9.5028



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.4180, 19.5366, 7.4928



35.4956, 30.6710, 8.1258



28.0873, 32.8753, 9.7159



7.3497, 7.6378, 7.4670



14.0518, 10.6776, 1.3204



0.3425, 0.3189, 0.0435

Inverse Universe

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



14.4521, 15.4726, 35.9427



21.9053, 22.7391, 63.6211



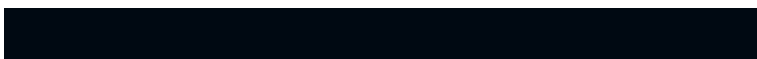
10.4734, 7.5152, 34.6165



6.9823, 7.4235, 8.9680



7.5480, 6.8753, 27.8590



0.2058, 0.2389, 0.6011

Previews

White Background



This preview shows how the XYZ color 21.4175, 19.5356, 7.4924 looks on a white background.

Color Contrast Check

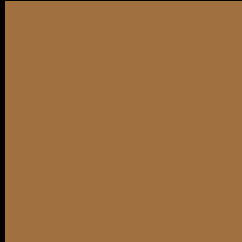
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4175, 19.5356, 7.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

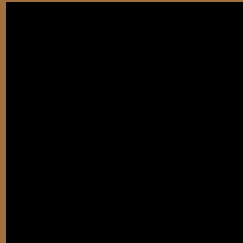
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4175, 19.5356, 7.4924

Background



This preview shows how black text looks on a background with the XYZ color 21.4175, 19.5356, 7.4924.



This preview shows how white text looks on a background with the XYZ color 21.4175, 19.5356,

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

21.4175, 19.5356, 7.4924

Protanopia

18.1180, 19.7342, 8.3230

Deuteranopia

20.0210, 19.6608, 7.4423



Tritanopia

23.7083, 19.5223, 18.4382

Trichromacy



Original Color

21.4175, 19.5356, 7.4924

Protanomaly

19.1115, 19.5282, 8.0722

Deuteranomaly

20.5455, 19.5889, 7.4008

Tritanomaly

22.7837, 19.4622, 13.6221

Monochromacy



Original Color

21.4175, 19.5356, 7.4924

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9320, 19.1112, 14.7476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4175, 19.5356, 7.4924 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(161, 112, 64)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 64)  
}
```

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(161, 112, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 64) }
```

Border

The CSS property to change the border of an element to XYZ 21.4175, 19.5356, 7.4924 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(161, 112, 64) }
```


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

```
.border{ border-color:rgb(161, 112, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 64);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4175, 19.5356, 7.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 64) }
```

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

```
.background{ background-color: rgb(161,  
112, 64) }
```

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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