

Converting Colors

XYZ(17.9374, 17.6537, 7.3818)

Have a look what the booklet for
XYZ(17.9374, 17.6537, 7.3818)
contains.

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Color

**XYZ(17.9375, 17.5787,
7.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6F40
RGB	143, 111, 64
RGB Percent	56%, 44%, 25%
CMY	0.4392, 0.5647, 0.7490
CMYK	0.00, 0.22, 0.55, 0.44
HSL	36°, 38%, 41%
HSV	36°, 55%, 56%
XYZ	17.9375, 17.5787, 7.2981
YIQ	115.2100, 34.1590, -7.8330

Conversions

Conversions Part 2

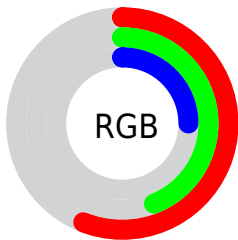
Format	Color
R_{YB}	118, 143, 64
Decimal	9400128
CIE Lab	48.98, 6.71, 30.79
CIE LCh	49, 31.517, 77.711
Yxy	17.5787, 0.4190, 0.4106
Android (android.graphics.Color)	4287590208 (0xFF8F6F40)
YUV	115.2100, -25.2465, 24.3718
Hunter-Lab	41.9270, 2.9950, 19.0284

Details

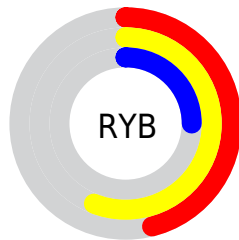
The XYZ color **17.9375, 17.5787, 7.2981** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.2549, 11.4383, 27.6010**, and the grayscale version is **16.4269, 17.2823, 18.8205**.

A 20% lighter version of the original color is **39.6310, 39.5288, 21.1638**, and **6.1590, 5.8841, 1.3834** is the 20% darker color. If you saturate the color by 10%, you get **16.9701, 16.2138, 5.2191**, and if you desaturate by 10%, it is **19.0511, 19.0690, 9.9411**.

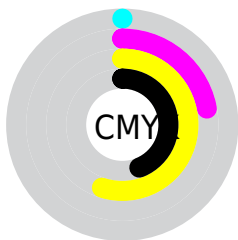
Distribution



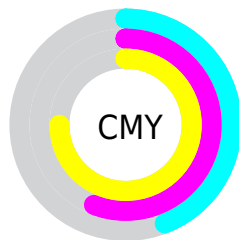
- Red (56%)
- Green (44%)
- Blue (25%)



- Red (46%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (44%)





- Cyan (44%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9375, 17.5787, 7.2981 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 17.9375, 17.5787, 7.2981 by changing the saturation by 10% instead.


 17.9375, 17.5787,
7.2981


 17.9375, 17.5787,
7.2981


233.5709,
238.4855, 179.8420


 11.0045, 10.6479,
3.5680


 39.4617, 39.3181,
21.0934


 6.1372, 5.8306,
1.3915


 54.7837, 54.8956,
31.9957


 2.9701, 2.7424,
0.1350

 73.6327, 74.1240,
46.1258

 1.1380, 0.9988,
0.0000

 96.3741, 97.3879,
63.9022

 0.0565, 0.0000,
0.0000

 123.3733,
125.0716, 85.7435

 0.0000, 0.0000,
0.0000

 154.9956,

157.5595, 112.0682

191.6063,
195.2360, 143.2949

■ 17.9375, 17.5787,
7.2981

■ 17.9375, 17.5787,
7.2981

■ 16.9701, 16.2138,
5.2191

■ 19.0511, 19.0690,
9.9411

■ 16.1388, 14.9670,
3.6598

■ 20.3176, 20.6866,
13.1856

■ 15.4337, 13.8337,
2.5711

■ 21.7449, 22.4365,
17.0673

■ 14.8412, 12.8073,
1.8852

■ 23.3398, 24.3224,
21.6184

■ 14.5826, 12.3496,
1.6151

■ 25.1087, 26.3482,
26.8694

■ 27.0576, 28.5172,
32.8485

■ 29.1922, 30.8328,
39.5825

■ 31.5179, 33.2983,
47.0968

■ 34.0400, 35.9167,
55.4157

Harmonies

Analogous

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



20.7977, 17.5787, 9.5052



17.9375, 17.5787, 7.2981



15.0503, 17.5787, 7.5080

Triad

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



17.9375, 17.5787, 7.2981



11.8906, 17.5787, 24.4866



21.2373, 17.5787, 32.1962

Complementary

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



17.9375, 17.5787, 7.2981



11.2549, 11.4383, 27.6010

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.



18.4832, 17.5787, 39.0192



17.9375, 17.5787, 7.2981



13.1930, 17.5787, 33.7485

Square

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



17.9375, 17.5787, 7.2981



11.7808, 17.5787, 15.9039



15.5361, 17.5787, 39.6585



22.8470, 17.5787, 22.7883

Rectangle

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



17.9375, 17.5787, 7.2981



13.4901, 17.5787, 8.9944



15.5361, 17.5787, 39.6585



20.4008, 17.5787, 34.9737

Sweetspot

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



17.9379, 17.5795, 7.2984



41.1686, 42.8229, 36.8885



15.3149, 10.3680, 12.4831



9.3231, 9.6819, 8.1205



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.



17.9379, 17.5795, 7.2984



30.0508, 28.5386, 8.6700



20.9689, 25.2841, 8.6258



5.6588, 5.9239, 5.7345



12.9148, 10.9613, 1.4351



0.1452, 0.1482, 0.0209

Inverse Universe

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



11.2549, 11.4383, 27.6010



16.8582, 16.4394, 48.8226



9.3595, 6.9740, 26.8392



5.2977, 5.5912, 6.8288



5.7375, 4.4610, 23.5357



0.0755, 0.0840, 0.2319

Previews

White Background



This preview shows how the XYZ color 17.9375, 17.5787, 7.2981 looks on a white 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

Black Background



This preview shows how the XYZ color 17.9375, 17.5787, 7.2981 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 17.9375, 17.5787, 7.2981

Background



This preview shows how black text looks on a background with the XYZ color 17.9375, 17.5787, 7.2981.



This preview shows how white text looks on a background with the XYZ color 17.9375, 17.5787,

7.2981.

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

17.9375, 17.5787, 7.2981

Protanopia

16.2467, 17.7051, 7.7154

Deuteranopia

17.9375, 17.5787, 7.2981



Tritanopia

20.0648, 17.4984, 17.9428

Trichromacy



Original Color

17.9375, 17.5787, 7.2981

Protanomaly

16.7577, 17.6297, 7.5207

Deuteranomaly

17.9375, 17.5787, 7.2981

Tritanomaly

19.1773, 17.4526, 13.1844

Monochromacy



Original Color

17.9375, 17.5787, 7.2981

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5861, 17.2391, 13.5196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9375, 17.5787, 7.2981 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(143, 111, 64)` looks like.

```
.text, #text, p{  
    color:rgb(143, 111, 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(143, 111, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 111, 64) }
```

Border

The CSS property to change the border of an element to XYZ 17.9375, 17.5787, 7.2981 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(143, 111, 64) }
```


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

```
.border{ border-color:rgb(143, 111, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 111, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 111, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 111, 64);  
box-shadow:4px 4px 4px 4px rgb(143, 111,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9375, 17.5787, 7.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 111, 64) }
```

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

```
.background{ background-color: rgb(143,  
111, 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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