

Converting Colors

XYZ(20.6334, 20.6451, 14.9068)

Have a look what the booklet for
XYZ(20.6334, 20.6451, 14.9068)
contains.

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Color

**XYZ(20.7614, 20.7685,
14.9711)**

Conversions

Conversions Part 1

Format	Color
Hex	907A64
RGB	144, 122, 100
RGB Percent	56%, 48%, 39%
CMY	0.4353, 0.5216, 0.6078
CMYK	0.00, 0.15, 0.31, 0.44
HSL	30°, 18%, 48%
HSV	30°, 31%, 56%
XYZ	20.7614, 20.7685, 14.9711
YIQ	126.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

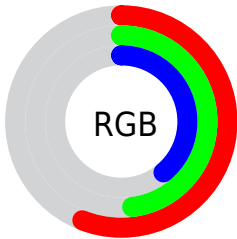
Format	Color
RYB	144, 144, 100
Decimal	9468516
CIELab	52.70, 5.02, 15.21
CIElCh	53, 16.020, 71.730
Yxy	20.7685, 0.3675, 0.3676
Android (android.graphics.Color)	4287658596 (0xFF907A64)
YUV	126.0700, -12.8525, 15.7246
Hunter-Lab	45.5725, 1.5672, 12.4233

Details

The XYZ color **20.7614, 20.7685, 14.9711** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2489, 18.6414, 29.0746**, and the grayscale version is **19.8930, 20.9290, 22.7917**.

A 20% lighter version of the original color is **44.0107, 44.5122, 35.5503**, and **7.5393, 7.3493, 4.3893** is the 20% darker color. If you saturate the color by 10%, you get **19.2738, 18.8118, 11.3353**, and if you desaturate by 10%, it is **22.4388, 22.9074, 19.2785**.

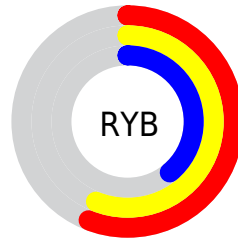
Distribution



Red (56%)

Green (48%)

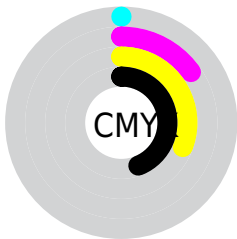
Blue (39%)



Red (56%)

Yellow (56%)

Blue (39%)

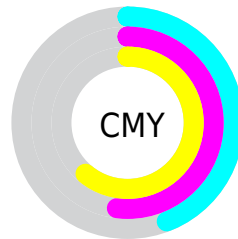


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7614, 20.7685, 14.9711 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 20.7614, 20.7685, 14.9711 by changing the saturation by 10% instead.

■ 20.7614, 20.7685,
14.9711

■ 20.7614, 20.7685,
14.9711

248.7635,
256.0456, 234.8260

■ 13.0612, 12.9549,
8.6527

■ 44.1844, 44.7019,
35.5441

■ 7.5480, 7.3975,
4.4217

■ 60.6378, 61.5905,
50.6357

■ 3.8564, 3.7119,
1.8594

■ 80.7397, 82.2730,
69.4889

■ 1.6212, 1.5137,
0.4667

■ 104.8555,
107.1335, 92.5220

■ 0.4062, 0.2984,
0.0000

133.3503,
136.5567, 120.1538

■ 0.0000, 0.0000,
0.0000

166.5897,

170.9268, 152.8027

204.9390,
210.6284, 190.8872

■ 20.7614, 20.7685,
14.9711

■ 20.7614, 20.7685,
14.9711

■ 19.2738, 18.8118,
11.3353

■ 22.4388, 22.9074,
19.2785

■ 17.9665, 17.0290,
8.3351

■ 24.3117, 25.2307,
24.2883

■ 16.8315, 15.4154,
5.9333

■ 26.3877, 27.7443,
30.0310

■ 15.8594, 13.9647,
4.0879

■ 28.6733, 30.4530,
36.5349

■ 15.0398, 12.6702,
2.7516

■ 31.1747, 33.3611,
43.8266

■ 14.3605, 11.5246,
1.8690

■ 33.8981, 36.4731,
51.9317

■ 13.8197, 10.5654,
1.3110

■ 36.8489, 39.7932,
60.8745

■ 40.0329, 43.3253,
70.6783

■ 43.4553, 47.0735,
81.3654

Harmonies

Analogous

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



22.2288, 20.7685, 17.0389



20.7614, 20.7685, 14.9711



19.0956, 20.7685, 14.7663

Triad

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



20.7614, 20.7685, 14.9711



16.7660, 20.7685, 24.5307



21.9502, 20.7685, 30.1759

Complementary

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



20.7614, 20.7685, 14.9711



17.2489, 18.6414, 29.0746

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.



20.3984, 20.7685, 32.8402



20.7614, 20.7685, 14.9711



17.4440, 20.7685, 29.2876

Square

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



20.7614, 20.7685, 14.9711



16.8510, 20.7685, 19.8570



18.7523, 20.7685, 32.4940



22.9413, 20.7685, 25.6137

Rectangle

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



20.7614, 20.7685, 14.9711



18.1023, 20.7685, 15.6722



18.7523, 20.7685, 32.4940



21.4733, 20.7685, 31.3502

Sweetspot

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



20.7619, 20.7695, 14.9715



43.3604, 45.0885, 44.1492



19.5718, 16.4490, 20.5560



9.8370, 10.2095, 9.8338



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.



20.7619, 20.7695, 14.9715



34.6956, 34.1136, 21.6703



23.7752, 26.7960, 15.9759



5.6177, 5.8417, 5.7208



12.0579, 9.2476, 1.1494



0.1373, 0.1324, 0.0183

Inverse Universe

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



17.2489, 18.6414, 29.0746



27.4327, 29.7140, 50.8275



14.8470, 13.8376, 28.2740



5.3383, 5.6725, 6.8423



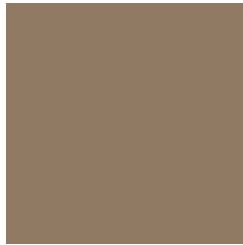
6.4246, 5.8353, 23.7648



0.0834, 0.0998, 0.2345

Previews

White Background



This preview shows how the XYZ color 20.7614, 20.7685, 14.9711 looks on a white background.

Color Contrast Check

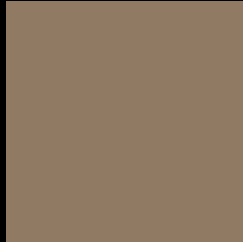
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7614, 20.7685, 14.9711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

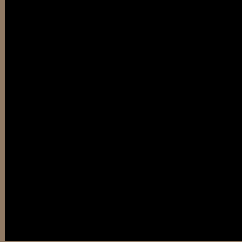
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7614, 20.7685, 14.9711

Background



This preview shows how black text looks on a background with the XYZ color 20.7614, 20.7685, 14.9711.



This preview shows how white text looks on a background with the XYZ color 20.7614, 20.7685,

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

20.7614, 20.7685, 14.9711

Protanopia

19.6906, 20.9494, 15.5762

Deuteranopia

21.1702, 20.7979, 14.9552



Tritanopia

22.3418, 20.6922, 22.8951

Trichromacy



Original Color

20.7614, 20.7685, 14.9711

Protanomaly

20.1638, 21.0101, 15.3045

Deuteranomaly

20.9917, 20.7058, 14.9468

Tritanomaly

21.6618, 20.5890, 19.6620

Monochromacy



Original Color

20.7614, 20.7685, 14.9711

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2174, 20.9381, 19.8055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7614, 20.7685, 14.9711 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(144, 122, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 122, 100) }
```

Border

The CSS property to change the border of an element to XYZ 20.7614, 20.7685, 14.9711 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, 100) }
```


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

```
.border{ border-color:rgb(144, 122, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 122, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 122, 100);  
box-shadow:4px 4px 4px 4px rgb(144, 122,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7614, 20.7685, 14.9711 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, 100) }
```

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

```
.background{ background-color: rgb(144,  
122, 100) }
```

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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