

Converting Colors

XYZ(20.7283, 18.8213, 14.2246)

Have a look what the booklet for
XYZ(20.7283, 18.8213, 14.2246)
contains.

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Color

**XYZ(20.6991, 18.8490,
14.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	976F63
RGB	151, 111, 99
RGB Percent	59%, 44%, 39%
CMY	0.4078, 0.5647, 0.6118
CMYK	0.00, 0.26, 0.34, 0.41
HSL	14°, 21%, 49%
HSV	14°, 34%, 59%
XYZ	20.6991, 18.8490, 14.3516
YIQ	121.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

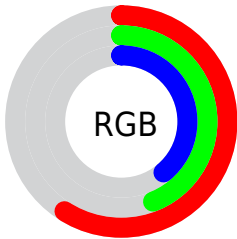
Format	Color
R_{YB}	151, 115, 99
Decimal	9924451
CIE _{Lab}	50.51, 14.14, 12.89
CIE _{LCh}	51, 19.132, 42.352
Yxy	18.8490, 0.3840, 0.3497
Android (android.graphics.Color)	4288114531 (0xFF976F63)
YUV	121.5920, -11.1379, 25.7908
Hunter-Lab	43.4154, 9.1261, 10.7916

Details

The XYZ color **20.6991, 18.8490, 14.3516** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9639, 23.3516, 32.7335**, and the grayscale version is **18.3949, 19.3529, 21.0753**.

A 20% lighter version of the original color is **44.0558, 41.5182, 34.5460**, and **7.5429, 6.4556, 4.0973** is the 20% darker color. If you saturate the color by 10%, you get **18.8577, 16.2155, 10.5031**, and if you desaturate by 10%, it is **22.8413, 21.8679, 18.9668**.

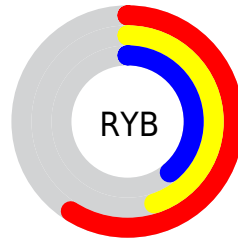
Distribution



Red (59%)

Green (44%)

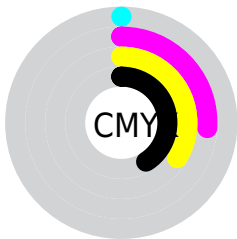
Blue (39%)



Red (59%)

Yellow (45%)

Blue (39%)

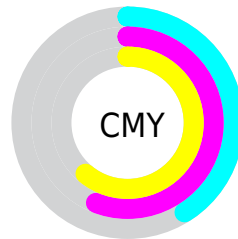


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6991, 18.8490, 14.3516 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 20.6991, 18.8490, 14.3516 by changing the saturation by 10% instead.

■ 20.6991, 18.8490,
14.3516

■ 20.6991, 18.8490,
14.3516

248.4371,
245.6139, 230.9113

■ 13.0154, 11.5612,
8.2241

■ 44.0813, 41.4788,
34.4377

■ 7.5163, 6.4457,
4.1488

■ 60.5105, 57.5896,
49.2333

■ 3.8362, 3.1179,
1.7073

■ 80.5856, 77.4102,
67.7553

■ 1.6099, 1.1936,
0.3658

■ 104.6720,
101.3250, 90.4224

■ 0.3988, 0.0565,
0.0000

133.1350,
129.7183, 117.6530

■ 0.0000, 0.0000,
0.0000

166.3399,

162.9747, 149.8656

204.6522,
201.4784, 187.4789

■ 20.6991, 18.8490,
14.3516

■ 20.6991, 18.8490,
14.3516

■ 18.8577, 16.2155,
10.5031

■ 22.8413, 21.8679,
18.9668

■ 17.3018, 13.9490,
7.3784

■ 25.2957, 25.2843,
24.3861

■ 16.0169, 12.0338,
4.9319

■ 28.0750, 29.1129,
30.6459

■ 14.9865, 10.4518,
3.1125

■ 31.1907, 33.3671,
37.7802

■ 14.1923, 9.1831,
1.8617

■ 34.6537, 38.0593,
45.8207

■ 13.6125, 8.2056,
1.1076

■ 38.4744, 43.2019,
54.7979

■ 13.3594, 7.7729,
0.7962

■ 42.6628, 48.8064,
64.7406

■ 47.2284, 54.8839,
75.6766

■ 52.1806, 61.4455,
87.6324

Harmonies

Analogous

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



21.6527, 18.8490, 18.4034



20.6991, 18.8490, 14.3516



19.0250, 18.8490, 12.2081

Triad

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



20.6991, 18.8490, 14.3516



14.7101, 18.8490, 17.5639



18.6937, 18.8490, 32.2826

Complementary

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



20.6991, 18.8490, 14.3516



19.9639, 23.3516, 32.7335

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.



16.8498, 18.8490, 31.9514



20.6991, 18.8490, 14.3516



14.6350, 18.8490, 22.8002

Square

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



20.6991, 18.8490, 14.3516



15.6060, 18.8490, 13.8293



15.3932, 18.8490, 28.2508



20.4421, 18.8490, 29.0896

Rectangle

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



20.6991, 18.8490, 14.3516



17.7686, 18.8490, 11.8753



15.3932, 18.8490, 28.2508



18.0630, 18.8490, 32.5935

Sweetspot

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



20.6996, 18.8499, 14.3520



47.3377, 48.0941, 48.2343



21.9385, 17.3888, 26.9083



10.6154, 10.7327, 10.6399



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6996, 18.8499, 14.3520



34.5840, 30.2091, 20.4844



23.8566, 25.1639, 15.4043



6.3188, 6.4426, 6.5164



11.3840, 6.6504, 0.6837



0.1943, 0.1476, 0.0182

Inverse Universe

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



19.9639, 23.3516, 32.7335



33.0600, 39.4524, 58.3063



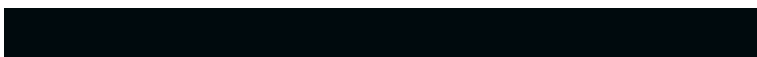
16.7190, 16.8618, 31.6518



6.2637, 6.7847, 7.9084



10.1017, 12.6000, 26.8073



0.1775, 0.2413, 0.4096

Previews

White Background



This preview shows how the XYZ color 20.6991, 18.8490, 14.3516 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 20.6991, 18.8490, 14.3516 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 20.6991, 18.8490, 14.3516

Background



This preview shows how black text looks on a background with the XYZ color 20.6991, 18.8490, 14.3516.

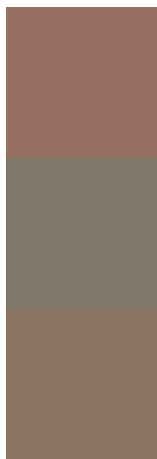


This preview shows how white text looks on a background with the XYZ color 20.6991, 18.8490,

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

20.6991, 18.8490, 14.3516

Protanopia

17.9676, 18.9444, 15.8064

Deuteranopia

19.2652, 18.9481, 14.1972



Tritanopia

21.7103, 18.7818, 19.3106

Trichromacy



Original Color

20.6991, 18.8490, 14.3516

Protanomaly

18.9129, 18.9161, 15.2247

Deuteranomaly

19.7235, 18.8458, 14.1533

Tritanomaly

21.2320, 18.7385, 17.2497

Monochromacy



Original Color

20.6991, 18.8490, 14.3516

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1886, 19.1583, 18.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6991, 18.8490, 14.3516 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(151, 111, 99)` looks like.

```
.text, #text, p{  
    color:rgb(151, 111, 99)  
}
```

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(151, 111, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 111, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.6991, 18.8490, 14.3516 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(151, 111, 99) }
```


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

```
.border{ border-color:rgb(151, 111, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 111, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 111, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 111, 99);  
box-shadow:4px 4px 4px 4px rgb(151, 111,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6991, 18.8490, 14.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 111, 99) }
```

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

```
.background{ background-color: rgb(151,  
111, 99) }
```

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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