

Converting Colors

XYZ(19.8086, 18.9603, 10.8683)

Have a look what the booklet for
XYZ(19.8086, 18.9603, 10.8683)
contains.

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Color

**XYZ(19.7914, 18.9551,
10.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	947253
RGB	148, 114, 83
RGB Percent	58%, 45%, 33%
CMY	0.4196, 0.5529, 0.6745
CMYK	0.00, 0.23, 0.44, 0.42
HSL	29°, 28%, 45%
HSV	29°, 44%, 58%
XYZ	19.7914, 18.9551, 10.7992
YIQ	120.6320, 30.2150, -2.4330

Conversions

Conversions Part 2

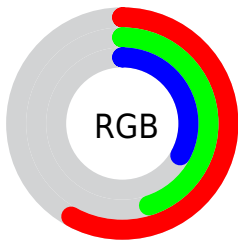
Format	Color
R_{YB}	148, 142, 83
Decimal	9728595
CIE _{Lab}	50.63, 9.14, 22.31
CIE _{LCh}	51, 24.109, 67.723
Yxy	18.9551, 0.3995, 0.3826
Android (android.graphics.Color)	4287918675 (0xFF947253)
YUV	120.6320, -18.5526, 24.0017
Hunter-Lab	43.5375, 4.9526, 15.7697

Details

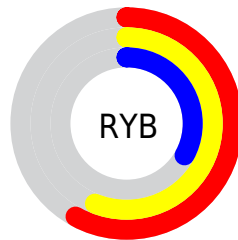
The XYZ color **19.7914, 18.9551, 10.7992** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.2736, 16.6990, 30.4351**, and the grayscale version is **18.1068, 19.0497, 20.7452**.

A 20% lighter version of the original color is **42.4985, 41.6624, 27.9920**, and **7.0015, 6.4629, 2.6287** is the 20% darker color. If you saturate the color by 10%, you get **18.4435, 17.0782, 7.8254**, and if you desaturate by 10%, it is **21.3362, 21.0305, 14.4409**.

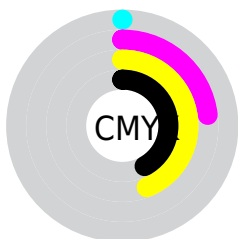
Distribution



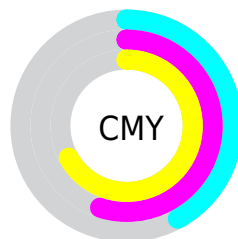
- Red (58%)
- Green (45%)
- Blue (33%)



- Red (58%)
- Yellow (56%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7914, 18.9551, 10.7992 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 19.7914, 18.9551, 10.7992 by changing the saturation by 10% instead.

■ 19.7914, 18.9551,
10.7992

■ 19.7914, 18.9551,
10.7992

243.6387,
246.2008, 206.9725

■ 12.3509, 11.6378,
5.8195

■ 42.5738, 41.6582,
27.9192

■ 7.0570, 6.4976,
2.6686

■ 58.6464, 57.8129,
40.8966

■ 3.5444, 3.1499,
0.9276

■ 78.3270, 77.6821,
57.3770

■ 1.4478, 1.2105,
0.0000

■ 101.9811,
101.6503, 77.7789

■ 0.2899, 0.0703,
0.0000

■ 129.9740,
130.1019, 102.5208

■ 0.0000, 0.0000,
0.0000

162.6709,

163.4212, 132.0214

200.4374,
201.9927, 166.6991

■ 19.7914, 18.9551,
10.7992

■ 19.7914, 18.9551,
10.7992

■ 18.4435, 17.0782,
7.8254

■ 21.3362, 21.0305,
14.4409

■ 17.2813, 15.3902,
5.4765

■ 23.0853, 23.3079,
18.7875

■ 16.2948, 13.8847,
3.7062

■ 25.0475, 25.7944,
23.8747

■ 15.4719, 12.5539,
2.4610

■ 27.2307, 28.4956,
29.7354

■ 14.7985, 11.3886,
1.6767

■ 29.6420, 31.4171,
36.4006

■ 14.4401, 10.7507,
1.3140

■ 32.2887, 34.5642,
43.8994

■ 35.1772, 37.9418,
52.2595

■ 38.3141, 41.5550,
61.5075

■ 41.7055, 45.4084,
71.6687

Harmonies

Analogous

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



21.8483, 18.9551, 13.6662



19.7914, 18.9551, 10.7992



17.4134, 18.9551, 10.2554

Triad

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



19.7914, 18.9551, 10.7992



13.8842, 18.9551, 22.4346



20.9371, 18.9551, 32.7164

Complementary

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



19.7914, 18.9551, 10.7992



15.2736, 16.6990, 30.4351

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.



18.6328, 18.9551, 36.3770



19.7914, 18.9551, 10.7992



14.6607, 18.9551, 29.6530

Square

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



19.7914, 18.9551, 10.7992



14.1357, 18.9551, 16.0948



16.3506, 18.9551, 35.1481



22.5490, 18.9551, 25.9666

Rectangle

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



19.7914, 18.9551, 10.7992



15.9871, 18.9551, 11.1415



16.3506, 18.9551, 35.1481



20.2102, 18.9551, 34.4093

Sweetspot

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



19.7919, 18.9560, 10.7996



44.4368, 45.8152, 42.7642



18.5563, 13.7827, 18.7183



9.9742, 10.2460, 9.3146



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.7919, 18.9560, 10.7996



32.5117, 30.0896, 13.7421



24.0273, 27.4268, 12.2114



6.0153, 6.2444, 6.1287



12.3612, 9.2369, 1.1314



0.1805, 0.1714, 0.0236

Inverse Universe

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



15.2736, 16.6990, 30.4351



23.4448, 25.5562, 53.1317



12.1744, 10.5006, 29.4021



5.7354, 6.1048, 7.3458



6.8844, 6.4636, 24.8158



0.1138, 0.1382, 0.3136

Previews

White Background



This preview shows how the XYZ color 19.7914, 18.9551, 10.7992 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 19.7914, 18.9551, 10.7992 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 19.7914, 18.9551, 10.7992

Background



This preview shows how black text looks on a background with the XYZ color 19.7914, 18.9551, 10.7992.



This preview shows how white text looks on a background with the XYZ color 19.7914, 18.9551,

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

19.7914, 18.9551, 10.7992

Protanopia

17.7230, 19.0925, 11.5552

Deuteranopia

19.3083, 19.0446, 10.8419



Tritanopia

21.5012, 18.8246, 19.6398

Trichromacy



Original Color

19.7914, 18.9551, 10.7992

Protanomaly

18.4347, 18.9311, 11.2768

Deuteranomaly

19.3691, 18.9057, 10.8119

Tritanomaly

20.8119, 18.8728, 15.9105

Monochromacy



Original Color

19.7914, 18.9551, 10.7992

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4923, 18.8437, 16.5725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7914, 18.9551, 10.7992 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(148, 114, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 114, 83)  
}
```

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(148, 114, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 114, 83) }
```

Border

The CSS property to change the border of an element to XYZ 19.7914, 18.9551, 10.7992 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(148, 114, 83) }
```


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

```
.border{ border-color:rgb(148, 114, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 114, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 114, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 114, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 114,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7914, 18.9551, 10.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 114, 83) }
```

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

```
.background{ background-color: rgb(148,  
114, 83) }
```

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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