

Converting Colors

XYZ(22.9693, 20.6795, 18.0247)

Have a look what the booklet for
XYZ(22.9693, 20.6795, 18.0247)
contains.

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Color

**XYZ(22.9600, 20.5994,
18.0952)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7370
RGB	157, 115, 112
RGB Percent	62%, 45%, 44%
CMY	0.3843, 0.5490, 0.5608
CMYK	0.00, 0.27, 0.29, 0.38
HSL	4°, 19%, 53%
HSV	4°, 29%, 62%
XYZ	22.9600, 20.5994, 18.0952
YIQ	127.2160, 25.9950, 7.9710

Conversions

Conversions Part 2

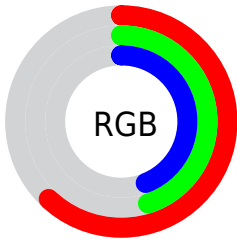
Format	Color
R_{YB}	157, 115, 112
Decimal	10318704
CIE _{Lab}	52.51, 16.10, 8.16
CIE _{LCh}	53, 18.052, 26.869
Yxy	20.5994, 0.3724, 0.3341
Android (android.graphics.Color)	4288508784 (0xFF9D7370)
YUV	127.2160, -7.5015, 26.1206
Hunter-Lab	45.3866, 10.8725, 8.1322

Details

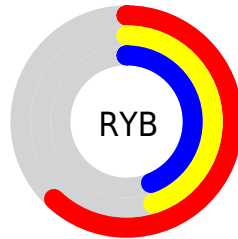
The XYZ color **22.9600, 20.5994, 18.0952** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3232, 28.9895, 36.2120**, and the grayscale version is **20.2662, 21.3216, 23.2193**.

A 20% lighter version of the original color is **47.6709, 44.3148, 41.1630**, and **8.6415, 7.3275, 5.8094** is the 20% darker color. If you saturate the color by 10%, you get **20.6209, 17.2002, 13.3722**, and if you desaturate by 10%, it is **25.7183, 24.5927, 23.7104**.

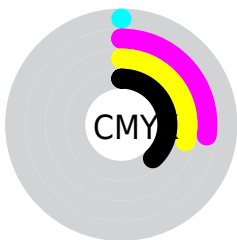
Distribution



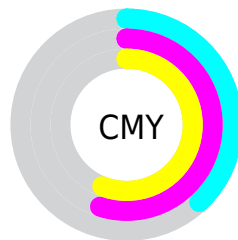
- Red (62%)
- Green (45%)
- Blue (44%)



- Red (62%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (38%)





- Cyan (38%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9600, 20.5994, 18.0952 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 22.9600, 20.5994, 18.0952 by changing the saturation by 10% instead.


 22.9600, 20.5994,
18.0952


 22.9600, 20.5994,
18.0952


260.0587,
255.1418, 253.6612


 14.6845, 12.8315,
10.8482


 47.7948, 44.4199,
41.0156


 8.6831, 7.3126,
5.8520


 65.0848, 61.2412,
57.5261

 4.5905, 3.6584,
2.6879

 86.1103, 81.8492,
77.9615

 2.0413, 1.4844,
0.9374

 111.2368,
106.6281, 102.7404

 0.6570, 0.2777,
0.0000

140.8295,
135.9625, 132.2812

 0.0000, 0.0000,
0.0000

175.2538,

170.2366, 167.0026

214.8751,
209.8349, 207.3231

■ 22.9600, 20.5994,
18.0952

■ 22.9600, 20.5994,
18.0952

■ 20.6209, 17.2002,
13.3722

■ 25.7183, 24.5927,
23.7104

■ 18.6788, 14.3639,
9.4944

■ 28.9131, 29.2036,
30.2591

■ 17.1122, 12.0611,
6.4121


■ 32.5629, 34.4576,
37.7816


■ 15.8967, 10.2583,
4.0702


■ 36.6844, 40.3783,
46.3154


■ 15.0051, 8.9185,
2.4065


■ 41.2938, 46.9877,
55.8960


 14.4062, 7.9992,
1.3485


 46.4062, 54.3072,
66.5572

 14.0530, 7.4464,
0.7569

 52.0363, 62.3568,
78.3313

 14.0185, 7.3957,
0.6886

 58.1980, 71.1562,
91.2492

 64.9048, 80.7241,
105.3407

Harmonies

Analogous

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



23.3878, 20.5994, 22.9956



22.9600, 20.5994, 18.0952



21.6079, 20.5994, 14.8727

Triad

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



22.9600, 20.5994, 18.0952



16.7235, 20.5994, 17.2652



19.3837, 20.5994, 34.3440

Complementary

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



22.9600, 20.5994, 18.0952



24.3232, 28.9895, 36.2120

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.



17.6814, 20.5994, 32.1901



22.9600, 20.5994, 18.0952



16.2082, 20.5994, 21.8723

Square

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



22.9600, 20.5994, 18.0952



18.0007, 20.5994, 14.4497



16.5476, 20.5994, 27.4053



21.2472, 20.5994, 32.9099

Rectangle

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



22.9600, 20.5994, 18.0952



20.4062, 20.5994, 13.8312



16.5476, 20.5994, 27.4053



18.7747, 20.5994, 34.0083

Sweetspot

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



22.9606, 20.6004, 18.0956



51.4683, 51.8507, 53.5495



25.5317, 21.0898, 33.2971



11.1448, 11.1492, 11.4125



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.9606, 20.6004, 18.0956



38.5213, 33.1197, 27.1514



25.8464, 26.3720, 19.0576



6.6669, 6.7137, 6.9302



11.3965, 6.0287, 0.5630



0.2130, 0.1263, 0.0131

Inverse Universe

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



24.3232, 28.9895, 36.2120



41.3419, 50.4986, 64.6950



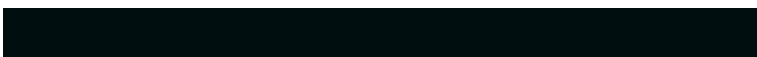
20.9517, 22.2466, 35.0882



6.7839, 7.4336, 8.4840



13.3674, 18.8263, 28.8365



0.2492, 0.3570, 0.5190

Previews

White Background



This preview shows how the XYZ color 22.9600, 20.5994, 18.0952 looks on a white background.

Color Contrast Check

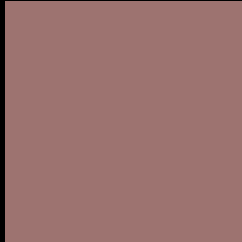
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9600, 20.5994, 18.0952 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 22.9600, 20.5994, 18.0952

Background



This preview shows how black text looks on a background with the XYZ color 22.9600, 20.5994, 18.0952.



This preview shows how white text looks on a background with the XYZ color 22.9600, 20.5994,

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

22.9600, 20.5994, 18.0952

Protanopia

19.7504, 20.6974, 19.7837

Deuteranopia

21.0343, 20.6621, 17.9185



Tritanopia

23.5185, 20.4845, 21.1267

Trichromacy



Original Color

22.9600, 20.5994, 18.0952

Protanomaly

20.7471, 20.4880, 19.0807

Deuteranomaly

21.6788, 20.6372, 17.8797

Tritanomaly

23.3879, 20.6117, 19.8853

Monochromacy



Original Color

22.9600, 20.5994, 18.0952

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.0770, 20.9743, 21.3499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9600, 20.5994, 18.0952 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(157, 115, 112)` looks like.

```
.text, #text, p{  
    color:rgb(157, 115, 112)  
}
```

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(157, 115, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 115, 112) }
```

Border

The CSS property to change the border of an element to XYZ 22.9600, 20.5994, 18.0952 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(157, 115, 112) }
```


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

```
.border{ border-color:rgb(157, 115, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 115, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 115, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 115, 112);  
box-shadow:4px 4px 4px 4px rgb(157, 115,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9600, 20.5994, 18.0952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 115, 112) }
```

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

```
.background{ background-color: rgb(157,  
115, 112) }
```

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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