

Converting Colors

XYZ(13.4283, 13.0210, 9.1239)

Have a look what the booklet for
XYZ(13.4283, 13.0210, 9.1239)
contains.

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Color

**XYZ(13.4793, 12.9952,
9.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	79604F
RGB	121, 96, 79
RGB Percent	47%, 38%, 31%
CMY	0.5255, 0.6235, 0.6902
CMYK	0.00, 0.21, 0.35, 0.53
HSL	24°, 21%, 39%
HSV	24°, 35%, 47%
XYZ	13.4793, 12.9952, 9.1950
YIQ	101.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

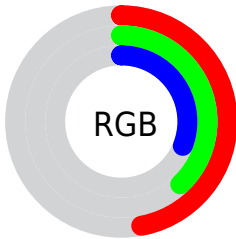
Format	Color
R_{YB}	121, 108, 79
Decimal	7954511
CIE _{Lab}	42.76, 7.48, 13.56
CIE _{LCh}	43, 15.486, 61.099
Yxy	12.9952, 0.3779, 0.3643
Android (android.graphics.Color)	4286144591 (0xFF79604F)
YUV	101.5370, -11.1107, 17.0691
Hunter-Lab	36.0489, 3.6588, 10.1111

Details

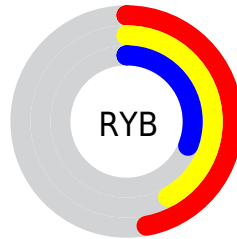
The XYZ color **13.4793, 12.9952, 9.1950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.6258, 12.9429, 19.9746**, and the grayscale version is **12.5332, 13.1859, 14.3595**.

A 20% lighter version of the original color is **31.7856, 31.4246, 24.8124**, and **4.0279, 3.7363, 2.0223** is the 20% darker color. If you saturate the color by 10%, you get **12.4512, 11.5808, 6.8737**, and if you desaturate by 10%, it is **14.6485, 14.5633, 11.9593**.

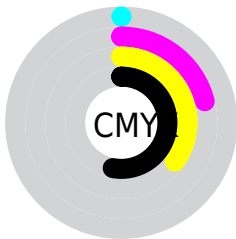
Distribution



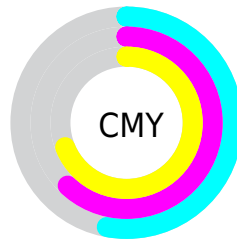
- Red (47%)
- Green (38%)
- Blue (31%)



- Red (47%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4793, 12.9952, 9.1950 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 13.4793, 12.9952, 9.1950 by changing the saturation by 10% instead.

■ 13.4793, 12.9952,
9.1950

■ 13.4793, 12.9952,
9.1950

207.5431,
210.8869, 195.0973

■ 7.8387, 7.4252,
4.7700

■ 31.7563, 31.2952,
24.8536

■ 4.0428, 3.7294,
2.0566

■ 45.1233, 44.7940,
36.9244

■ 1.7264, 1.5234,
0.5898

■ 61.7966, 61.7045,
52.3809

■ 0.4727, 0.3051,
0.0000

■ 82.1414, 82.4111,
71.6415

■ 0.0000, 0.0000,
0.0000

■ 106.5231,
107.2983, 95.1250

135.3070,

136.7504, 123.2497

168.8586,
171.1518, 156.4343

■ 13.4793, 12.9952,
9.1950

■ 13.4793, 12.9952,
9.1950

■ 12.4512, 11.5808,
6.8737

■ 14.6485, 14.5633,
11.9593

■ 11.5572, 10.3133,
4.9710

■ 15.9633, 16.2880,
15.1874

■ 10.7912, 9.1881,
3.4615

■ 17.4294, 18.1744,
18.8999

■ 10.1461, 8.1996,
2.3168

■ 19.0516, 20.2268,
23.1159

■ 9.6141, 7.3415,
1.5043

■ 20.8348, 22.4492,
27.8534

■ 9.1839, 6.6064,
0.9749

■ 22.7834, 24.8458,
33.1295

■ 8.9828, 6.2603,
0.7349

■ 24.9019, 27.4202,
38.9606

■ 27.1942, 30.1762,
45.3623

■ 29.6645, 33.1175,
52.3497

Harmonies

Analogous

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



14.3951, 12.9952, 11.0555



13.4793, 12.9952, 9.1950



12.3081, 12.9952, 8.6027

Triad

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



13.4793, 12.9952, 9.1950



10.2218, 12.9952, 14.2744



13.5592, 12.9952, 20.4651

Complementary

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



13.4793, 12.9952, 9.1950



11.6258, 12.9429, 19.9746

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.



12.3950, 12.9952, 21.6796



13.4793, 12.9952, 9.1950



10.5112, 12.9952, 17.7729

Square

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



13.4793, 12.9952, 9.1950



10.4722, 12.9952, 11.2394



11.2885, 12.9952, 20.6247



14.4432, 12.9952, 17.5232

Rectangle

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



13.4793, 12.9952, 9.1950



11.5537, 12.9952, 8.9179



11.2885, 12.9952, 20.6247



13.1853, 12.9952, 21.1082

Sweetspot

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



13.4796, 12.9958, 9.1953



29.7230, 30.6380, 30.0526



13.1901, 10.6606, 14.5126



6.7296, 6.9195, 6.7034



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.4796, 12.9958, 9.1953



22.5857, 21.1404, 12.9463



15.6345, 17.3055, 9.9135



4.1192, 4.2568, 4.2290



9.6159, 6.6876, 0.7840



45.0790, 30.3215, 3.4767

Inverse Universe

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



11.6258, 12.9429, 19.9746



18.7094, 21.0232, 35.4647



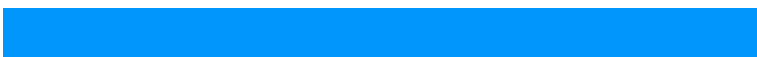
9.7843, 9.2600, 19.3608



3.9774, 4.2530, 5.0545



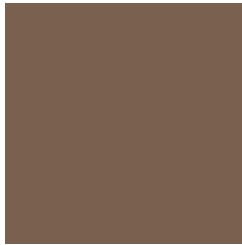
6.1718, 6.4261, 20.3004



28.5886, 28.9497, 96.5509

Previews

White Background



This preview shows how the XYZ color 13.4793, 12.9952, 9.1950 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 13.4793, 12.9952, 9.1950 looks on a black 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

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

XYZ 13.4793, 12.9952, 9.1950

Background



This preview shows how black text looks on a background with the XYZ color 13.4793, 12.9952, 9.1950.



This preview shows how white text looks on a background with the XYZ color 13.4793, 12.9952,

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

13.4793, 12.9952, 9.1950

Protanopia

12.2023, 13.0272, 9.6560

Deuteranopia

13.1572, 12.9655, 9.2063



Tritanopia

14.3830, 12.9598, 13.8000

Trichromacy



Original Color

13.4793, 12.9952, 9.1950

Protanomaly

12.5919, 12.9476, 9.4249

Deuteranomaly

13.2937, 13.0358, 9.2126

Tritanomaly

13.9605, 12.9157, 11.8824

Monochromacy



Original Color

13.4793, 12.9952, 9.1950

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.8842, 13.1737, 12.4534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4793, 12.9952, 9.1950 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(121, 96, 79) looks like.

```
.text, #text, p{  
    color:rgb(121, 96, 79)  
}
```

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(121, 96, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 96, 79) }
```

Border

The CSS property to change the border of an element to XYZ 13.4793, 12.9952, 9.1950 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(121, 96, 79) }
```


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

```
.border{ border-color:rgb(121, 96, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 96, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 96, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 96, 79);  
box-shadow:4px 4px 4px 4px rgb(121, 96,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4793, 12.9952, 9.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 96, 79) }
```

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

```
.background{ background-color: rgb(121, 96,  
79) }
```

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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