

Converting Colors

XYZ(24.9212, 24.7320, 19.9833)

Have a look what the booklet for
XYZ(24.9212, 24.7320, 19.9833)
contains.

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Color

**XYZ(24.9212, 24.7320,
19.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8474
RGB	155, 132, 116
RGB Percent	61%, 52%, 45%
CMY	0.3922, 0.4823, 0.5451
CMYK	0.00, 0.15, 0.25, 0.39
HSL	25°, 16%, 53%
HSV	25°, 25%, 61%
XYZ	24.9212, 24.7320, 19.9833
YIQ	137.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

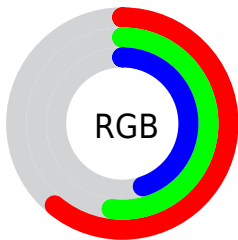
Format	Color
R_{YB}	155, 143, 116
Decimal	10191988
CIE _{Lab}	56.81, 6.17, 11.88
CIE _{LCh}	57, 13.390, 62.553
Yxy	24.7320, 0.3579, 0.3552
Android (android.graphics.Color)	4288382068 (0xFF9B8474)
YUV	137.0530, -10.3791, 15.7395
Hunter-Lab	49.7313, 2.4197, 10.9877

Details

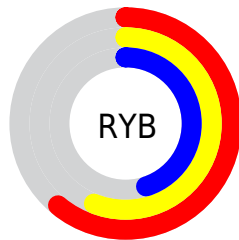
The XYZ color **24.9212, 24.7320, 19.9833** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3513, 24.5442, 34.5699**, and the grayscale version is **23.8314, 25.0725, 27.3039**.

A 20% lighter version of the original color is **50.9952, 51.2267, 44.2458**, and **9.7302, 9.4874, 6.7873** is the 20% darker color. If you saturate the color by 10%, you get **22.9083, 22.0306, 15.2291**, and if you desaturate by 10%, it is **27.1945, 27.7131, 25.5671**.

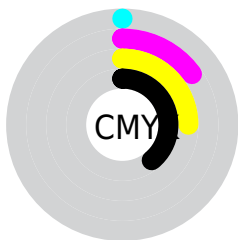
Distribution



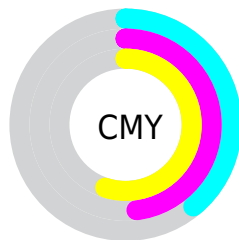
- Red (61%)
- Green (52%)
- Blue (45%)



- Red (61%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9212, 24.7320, 19.9833 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 24.9212, 24.7320, 19.9833 by changing the saturation by 10% instead.

■ 24.9212, 24.7320,
19.9833

■ 24.9212, 24.7320,
19.9833

269.8002,
276.5006, 264.4259

■ 16.1468, 15.8775,
12.1989

■ 50.9732, 51.2221,
44.2478

■ 9.7196, 9.4375,
6.7551

■ 68.9814, 69.6265,
61.5650

■ 5.2743, 5.0276,
3.2333

■ 90.7983, 91.9830,
82.8969

■ 2.4455, 2.2635,
1.2150

116.7893,
118.6760, 108.6621

■ 0.8678, 0.7543,
0.0000

147.3196,
150.0898, 139.2790

■ 0.0000, 0.0000,
0.0000

182.7546,

186.6090, 175.1663

223.4596,
228.6178, 216.7424

■ 24.9212, 24.7320,
19.9833

■ 24.9212, 24.7320,
19.9833

■ 22.9083, 22.0306,
15.2291

■ 27.1945, 27.7131,
25.5671

■ 21.1436, 19.5970,
11.2628

■ 29.7358, 30.9785,
32.0165

■ 19.6168, 17.4232,
8.0412

■ 32.5549, 34.5372,
39.3670

■ 18.3159, 15.4996,
5.5165

■ 35.6605, 38.3967,
47.6520

■ 17.2278, 13.8161,
3.6352

■ 39.0607, 42.5640,
56.9028

■ 16.3377, 12.3613,
2.3355

■ 42.7634, 47.0462,
67.1494

■ 15.6273, 11.1223,
1.5386

■ 46.7763, 51.8498,
78.4207

■ 15.3286, 10.5906,
1.2363

■ 51.1067, 56.9813,
90.7441

■ 55.6807, 62.4147,
103.7203

Harmonies

Analogous

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



26.1352, 24.7320, 22.5536



24.9212, 24.7320, 19.9833



23.3732, 24.7320, 19.2057

Triad

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



24.9212, 24.7320, 19.9833



20.6277, 24.7320, 27.3146



25.1634, 24.7320, 34.8641

Complementary

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



24.9212, 24.7320, 19.9833



22.3513, 24.5442, 34.5699

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.



23.6413, 24.7320, 36.4866



24.9212, 24.7320, 19.9833



21.0612, 24.7320, 31.8365

Square

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



24.9212, 24.7320, 19.9833



20.9369, 24.7320, 23.1495



22.1474, 24.7320, 35.3221



26.2793, 24.7320, 31.0989

Rectangle

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



24.9212, 24.7320, 19.9833



22.3719, 24.7320, 19.7296



22.1474, 24.7320, 35.3221



24.6799, 24.7320, 35.6959

Sweetspot

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



24.9219, 24.7331, 19.9838



51.8388, 53.6728, 53.7117



24.4527, 21.3355, 27.4092



11.5841, 11.9571, 11.7768



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.



24.9219, 24.7331, 19.9838



42.6197, 41.6082, 30.9900



27.7528, 30.3951, 20.9275



6.4066, 6.6182, 6.5456



12.3478, 8.5780, 1.0049



0.2191, 0.1972, 0.0265

Inverse Universe

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



22.3513, 24.5442, 34.5699



37.2361, 41.2091, 61.5279



19.8236, 19.4888, 33.7274



6.1719, 6.6012, 7.8778



7.8225, 8.0417, 26.0476



0.1526, 0.1916, 0.4013

Previews

White Background



This preview shows how the XYZ color 24.9212, 24.7320, 19.9833 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 24.9212, 24.7320, 19.9833 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 24.9212, 24.7320, 19.9833

Background



This preview shows how black text looks on a background with the XYZ color 24.9212, 24.7320, 19.9833.



This preview shows how white text looks on a background with the XYZ color 24.9212, 24.7320,

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

24.9212, 24.7320, 19.9833

Protanopia

23.4019, 24.7560, 20.6845

Deuteranopia

25.1733, 24.6617, 19.9564



Tritanopia

26.6110, 24.8337, 27.8169

Trichromacy



Original Color

24.9212, 24.7320, 19.9833

Protanomaly

23.9075, 24.8153, 20.3594

Deuteranomaly

24.9790, 24.5615, 19.9473

Tritanomaly

25.9840, 24.7721, 24.8847

Monochromacy



Original Color

24.9212, 24.7320, 19.9833

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1280, 24.8422, 24.2922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9212, 24.7320, 19.9833 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(155, 132, 116)` looks like.

```
.text, #text, p{  
    color:rgb(155, 132, 116)  
}
```

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(155, 132, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 132, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.9212, 24.7320, 19.9833 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(155, 132, 116) }
```


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

```
.border{ border-color:rgb(155, 132, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 132, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 132, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 132, 116); box-shadow:4px 4px 4px 4px rgb(155, 132, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9212, 24.7320, 19.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 132, 116) }
```

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

```
.background{ background-color: rgb(155,  
132, 116) }
```

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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