

Converting Colors

XYZ(24.7306, 25.5902, 19.5293)

Have a look what the booklet for
XYZ(24.7306, 25.5902, 19.5293)
contains.

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Color

**XYZ(24.7454, 25.6855,
19.5732)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 978972 |
| RGB | 151, 137, 114 |
| RGB Percent | 59%, 54%, 45% |
| CMY | 0.4078, 0.4627, 0.5529 |
| CMYK | 0.00, 0.09, 0.25, 0.41 |
| HSL | 37°, 15%, 52% |
| HSV | 37°, 25%, 59% |
| XYZ | 24.7454, 25.6855, 19.5732 |
| YIQ | 138.5640, 15.7270, -4.1850 |

Conversions

Conversions Part 2

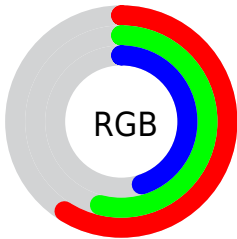
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 137, 151, 114 |
| Decimal | 9931122 |
| CIELab | 57.74, 1.43, 14.26 |
| CIElCh | 58, 14.330, 84.254 |
| Yxy | 25.6855, 0.3535, 0.3669 |
| Android (android.graphics.Color) | 4288121202 (0xFF978972) |
| YUV | 138.5640, -12.1101, 10.9064 |
| Hunter-Lab | 50.6809, -1.5372, 12.5785 |

Details

The XYZ color **24.7454, 25.6855, 19.5732** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2444, 21.2496, 32.3128**, and the grayscale version is **24.4144, 25.6858, 27.9719**.

A 20% lighter version of the original color is **50.7500, 52.7019, 43.5741**, and **9.6471, 9.9191, 6.5604** is the 20% darker color. If you saturate the color by 10%, you get **23.1655, 23.7893, 15.1505**, and if you desaturate by 10%, it is **26.5116, 27.7268, 24.7587**.

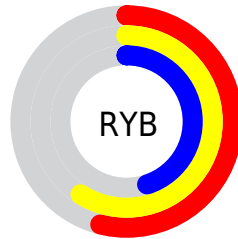
Distribution



Red (59%)

Green (54%)

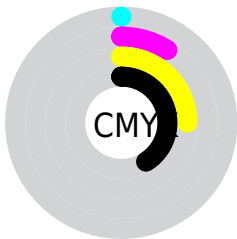
Blue (45%)



Red (54%)

Yellow (59%)

Blue (45%)

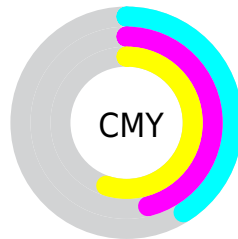


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7454, 25.6855, 19.5732 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 24.7454, 25.6855, 19.5732 by changing the saturation by 10% instead.

■ 24.7454, 25.6855,
19.5732

■ 24.7454, 25.6855,
19.5732

268.9387,
281.2348, 262.1225

■ 16.0152, 16.5885,
11.9042

■ 50.6898, 52.7671,
43.5500

■ 9.6258, 9.9415,
6.5567

■ 68.6346, 71.5206,
60.6948

■ 5.2119, 5.3602,
3.1123

■ 90.3817, 94.2616,
81.8354

■ 2.4082, 2.4601,
1.1522

■ 116.2965,
121.3747, 107.3902

■ 0.8492, 0.8566,
0.0000

146.7442,
153.2441, 137.7777

■ 0.0000, 0.0000,
0.0000

182.0902,

190.2544, 173.4166

222.7000,
232.7898, 214.7254

■ 24.7454, 25.6855,
19.5732

■ 24.7454, 25.6855,
19.5732

■ 23.1655, 23.7893,
15.1505

■ 26.5116, 27.7268,
24.7587

■ 21.7622, 22.0307,
11.4521

■ 28.4692, 29.9135,
30.7397

■ 20.5280, 20.4063,
8.4386

■ 30.6255, 32.2506,
37.5490

■ 19.4539, 18.9115,
6.0661

■ 32.9870, 34.7416,
45.2171

■ 18.5299, 17.5413,
4.2856

■ 35.5597, 37.3898,
53.7727

■ 17.7447, 16.2898,
3.0408

■ 38.3493, 40.1985,
63.2436

■ 17.0844, 15.1503,
2.2622

■ 41.3613, 43.1709,
73.6559

■ 16.7544, 14.5630,
1.9279

■ 44.6013, 46.3101,
85.0350

■ 48.0742, 49.6188,
97.4051

Harmonies

Analogous

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



26.3937, 25.6855, 20.9722



24.7454, 25.6855, 19.5732



23.0818, 25.6855, 20.2004

Triad

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



24.7454, 25.6855, 19.5732



21.5246, 25.6855, 32.0347



27.1927, 25.6855, 33.8638

Complementary

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



24.7454, 25.6855, 19.5732



20.2444, 21.2496, 32.3128

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.



25.7951, 25.6855, 37.5062



24.7454, 25.6855, 19.5732



22.5345, 25.6855, 36.3665

Square

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



24.7454, 25.6855, 19.5732



21.2728, 25.6855, 27.0310



24.0842, 25.6855, 38.4718



27.8485, 25.6855, 28.9247

Rectangle

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



24.7454, 25.6855, 19.5732



22.1806, 25.6855, 21.7255



24.0842, 25.6855, 38.4718



26.7910, 25.6855, 35.3026

Sweetspot

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



24.7461, 25.6867, 19.5737



50.0260, 52.5125, 52.0840



22.6884, 20.1776, 23.1846



11.3278, 11.8883, 11.7073



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.



24.7461, 25.6867, 19.5737



42.8391, 44.2446, 30.8651



26.0800, 29.5221, 20.2437



6.5125, 6.8300, 6.5809



14.2813, 12.4451, 1.6494



0.2484, 0.2558, 0.0363

Inverse Universe

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



20.2444, 21.2496, 32.3128



33.4555, 34.9976, 57.4256



19.1178, 18.1431, 31.7726



6.0664, 6.3902, 7.8427



6.0277, 4.4521, 25.4494



0.1234, 0.1331, 0.3916

Previews

White Background



This preview shows how the XYZ color 24.7454, 25.6855, 19.5732 looks on a white background.

Color Contrast Check

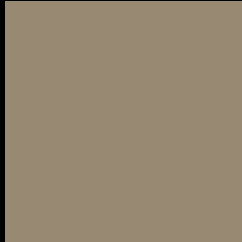
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7454, 25.6855, 19.5732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

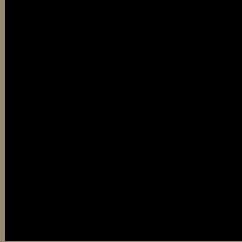
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7454, 25.6855, 19.5732

Background



This preview shows how black text looks on a background with the XYZ color 24.7454, 25.6855, 19.5732.



This preview shows how white text looks on a background with the XYZ color 24.7454, 25.6855,

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

24.7454, 25.6855, 19.5732

Protanopia

24.2156, 25.6178, 19.8881

Deuteranopia

26.1800, 25.5899, 19.7792



Tritanopia

26.8630, 25.7268, 29.5365

Trichromacy



Original Color

24.7454, 25.6855, 19.5732

Protanomaly

24.3957, 25.7107, 19.8965

Deuteranomaly

25.5242, 25.4561, 19.7879

Tritanomaly

26.0164, 25.5862, 25.3972

Monochromacy



Original Color

24.7454, 25.6855, 19.5732

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4454, 25.6283, 24.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7454, 25.6855, 19.5732 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, 137, 114)` looks like.

```
.text, #text, p{  
    color:rgb(151, 137, 114)  
}
```

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, 137, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 137, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.7454, 25.6855, 19.5732 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, 137, 114) }
```


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

```
.border{ border-color:rgb(151, 137, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 137, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 137, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 137, 114);  
box-shadow:4px 4px 4px 4px rgb(151, 137,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7454, 25.6855, 19.5732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 137, 114) }
```

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

```
.background{ background-color: rgb(151,  
137, 114) }
```

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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