

Converting Colors

XYZ(29.7994, 32.1494, 25.0232)

Have a look what the booklet for
XYZ(29.7994, 32.1494, 25.0232)
contains.

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Color

**XYZ(29.7500, 32.0406,
25.0385)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9A80
RGB	159, 154, 128
RGB Percent	62%, 60%, 50%
CMY	0.3765, 0.3961, 0.4980
CMYK	0.00, 0.03, 0.19, 0.38
HSL	50°, 14%, 56%
HSV	50°, 19%, 62%
XYZ	29.7500, 32.0406, 25.0385
YIQ	152.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

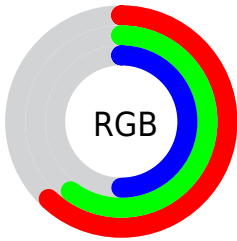
Format	Color
RYB	134, 159, 128
Decimal	10459776
CIELab	63.38, -2.66, 14.32
CIElCh	63, 14.569, 100.502
Yxy	32.0406, 0.3426, 0.3690
Android (android.graphics.Color)	4288649856 (0xFF9F9A80)
YUV	152.5310, -12.0938, 5.6733
Hunter-Lab	56.6044, -5.2422, 13.3966

Details

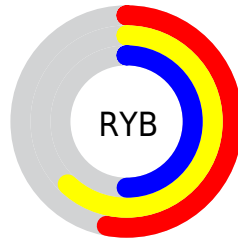
The XYZ color **29.7500, 32.0406, 25.0385** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.5477, 23.8671, 36.1670**, and the grayscale version is **30.1226, 31.6914, 34.5119**.

A 20% lighter version of the original color is **58.6279, 62.7441, 52.7369**, and **12.3249, 13.3908, 9.3322** is the 20% darker color. If you saturate the color by 10%, you get **28.3662, 30.8185, 19.8123**, and if you desaturate by 10%, it is **31.3086, 33.3493, 31.1329**.

Distribution



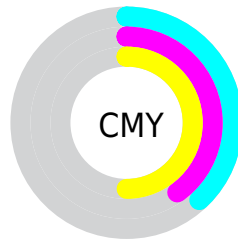
- Red (62%)
- Green (60%)
- Blue (50%)



- Red (53%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7500, 32.0406, 25.0385 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 29.7500, 32.0406, 25.0385 by changing the saturation by 10% instead.

■ 29.7500, 32.0406,
25.0385

■ 29.7500, 32.0406,
25.0385

292.6682,
311.3042, 291.4834

■ 19.7960, 21.3925,
15.8865

■ 58.6559, 62.8747,
52.6846

■ 12.3543, 13.4112,
9.2904

■ 78.3386, 83.8296,
72.0157

■ 7.0593, 7.7123,
4.8317

■ 101.9949,
108.9888, 95.5769

■ 3.5459, 3.9114,
2.0918

129.9902,
138.7367, 123.7868

■ 1.4486, 1.6241,
0.6109

162.6898,
173.4579, 157.0638

■ 0.2904, 0.3738,
0.0000

200.4591,

■ 0.0000, 0.0000,

213.5365, 195.8266

0.0000

243.6635,
259.3572, 240.4936

■ 29.7500, 32.0406,
25.0385

■ 29.7500, 32.0406,
25.0385

■ 28.3662, 30.8185,
19.8123

■ 31.3086, 33.3493,
31.1329

■ 27.1469, 29.6755,
15.4121

■ 33.0465, 34.7431,
38.1310

■ 26.0848, 28.6096,
11.7952

■ 34.9715, 36.2264,
46.0688

■ 25.1708, 27.6171,
8.9145

■ 37.0899, 37.8018,
54.9797

■ 24.3948, 26.6940,
6.7175

■ 39.4078, 39.4718,
64.8954

■ 23.7457, 25.8355,
5.1449

■ 41.9310, 41.2388,
75.8462

■ 23.2100, 25.0364,
4.1273

■ 44.6650, 43.1051,
87.8614

■ 22.7587, 24.2849,
3.5109

■ 47.5827, 45.0599,
100.7973

■ 22.7366, 24.2476,
3.4819

■ 48.0845, 46.0635,
100.9646

Harmonies

Analogous

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



31.7706, 32.0406, 25.4028



29.7500, 32.0406, 25.0385



27.9962, 32.0406, 27.0822

Triad

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



29.7500, 32.0406, 25.0385



27.5903, 32.0406, 42.6349



34.2700, 32.0406, 38.7391

Complementary

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



29.7500, 32.0406, 25.0385



23.5477, 23.8671, 36.1670

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.



33.0508, 32.0406, 44.0628



29.7500, 32.0406, 25.0385



29.1735, 32.0406, 46.4786

Square

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



29.7500, 32.0406, 25.0385



26.7864, 32.0406, 36.9573



31.1683, 32.0406, 47.0284



34.4412, 32.0406, 32.8951

Rectangle

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



29.7500, 32.0406, 25.0385



27.1915, 32.0406, 29.6833



31.1683, 32.0406, 47.0284



33.9667, 32.0406, 40.6653

Sweetspot

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



29.7508, 32.0420, 25.0392



57.0862, 60.5515, 59.8103



26.2628, 24.5078, 25.5974



12.8286, 13.6178, 13.3183



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.7508, 32.0420, 25.0392



52.2669, 56.5026, 40.9720



28.6285, 32.7135, 25.2279



7.0791, 7.5382, 7.0676



17.9832, 19.2021, 2.7586



0.3437, 0.3877, 0.0567

Inverse Universe

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



23.5477, 23.8671, 36.1670



39.2783, 39.3866, 64.2756



24.5141, 23.3737, 36.0209



6.3668, 6.5995, 8.3449



5.2496, 2.5907, 26.1306



0.1151, 0.0889, 0.4743

Previews

White Background



This preview shows how the XYZ color 29.7500, 32.0406, 25.0385 looks on a white background.

Color Contrast Check

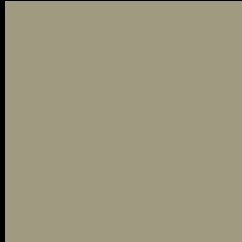
Large Text (above 18pt) WCAG AA × Fail

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 29.7500, 32.0406, 25.0385 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 ✓ Pass

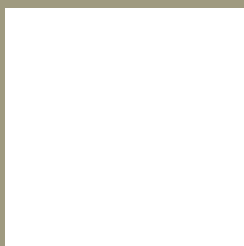
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7500, 32.0406, 25.0385

Background



This preview shows how black text looks on a background with the XYZ color 29.7500, 32.0406, 25.0385.



This preview shows how white text looks on a background with the XYZ color 29.7500, 32.0406,

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

29.7500, 32.0406, 25.0385

Protanopia

30.1878, 32.0224, 25.0119

Deuteranopia

32.6838, 32.1119, 25.2445



Tritanopia

32.2847, 31.8546, 38.1652

Trichromacy



Original Color

29.7500, 32.0406, 25.0385

Protanomaly

29.9855, 31.9180, 25.0025

Deuteranomaly

31.4464, 31.9437, 25.2772

Tritanomaly

31.3917, 31.9845, 32.9529

Monochromacy



Original Color

29.7500, 32.0406, 25.0385

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9428, 31.7646, 30.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7500, 32.0406, 25.0385 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(159, 154, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 154, 128)  
}
```

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(159, 154, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.7500, 32.0406, 25.0385 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(159, 154, 128) }
```


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

```
.border{ border-color:rgb(159, 154, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 154, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 154, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 154, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 154,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7500, 32.0406, 25.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 154, 128) }
```

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

```
.background{ background-color: rgb(159,  
154, 128) }
```

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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