

Converting Colors

XYZ(32.5031, 30.2550, 32.0705)

Have a look what the booklet for
XYZ(32.5031, 30.2550, 32.0705)
contains.

XYZ(32.5494, 30.3018, 32.1503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5494, 30.3018,
32.1503)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8D94
RGB	175, 141, 148
RGB Percent	69%, 55%, 58%
CMY	0.3137, 0.4470, 0.4196
CMYK	0.00, 0.19, 0.15, 0.31
HSL	348°, 18%, 62%
HSV	348°, 19%, 69%
XYZ	32.5494, 30.3018, 32.1503
YIQ	151.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

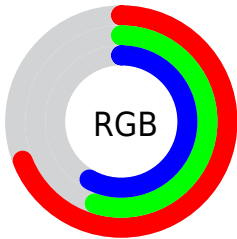
Format	Color
RYB	175, 141, 148
Decimal	11505044
CIELab	61.91, 13.98, 1.15
CIElCh	62, 14.027, 4.720
Yxy	30.3018, 0.3426, 0.3190
Android (android.graphics.Color)	4289695124 (0xFFAF8D94)
YUV	151.9640, -1.9543, 20.2026
Hunter-Lab	55.0471, 9.2149, 3.9046




Details

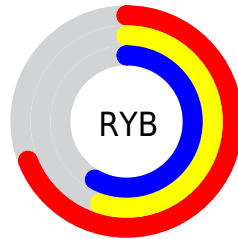
The XYZ color **32.5494, 30.3018, 32.1503** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3836, 39.1507, 42.8450**, and the grayscale version is **29.8329, 31.3865, 34.1799**.




A 20% lighter version of the original color is **63.1308, 60.2834, 64.1856**, and **13.9248, 12.4828, 12.9848** is the 20% darker color. If you saturate the color by 10%, you get **29.1353, 25.1294, 25.9067**, and if you desaturate by 10%, it is **36.5051, 36.3452, 39.2269**.

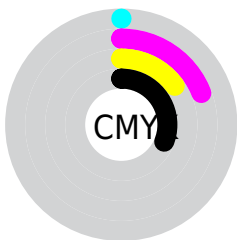
Distribution







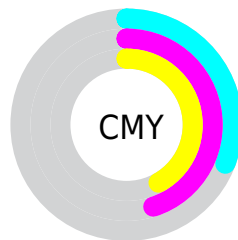
-  Red (69%)
-  Green (55%)
-  Blue (58%)






-  Red (69%)
-  Yellow (55%)
-  Blue (58%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (15%)
-  Black (31%)





-  Cyan (31%)
-  Magenta (45%)
-  Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5494, 30.3018, 32.1503 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 32.5494, 30.3018, 32.1503 by changing the saturation by 10% instead.


 32.5494, 30.3018,
32.1503


 32.5494, 30.3018,
32.1503


305.3154,
303.3087, 326.3171


 21.9391, 20.0678,
21.2106


 63.0308, 60.1391,
64.1473

 13.9285, 12.4443,
13.0853


 83.6325, 80.5112,
86.0416

 8.1523, 7.0470,
7.3559


 108.2955,
105.0315, 112.4245

 4.2452, 3.4915,
3.6038

137.3850,
134.0843, 143.7146

 1.8418, 1.3934,
1.4106

171.2664,
168.0540, 180.3304

 0.5426, 0.2119,
0.1500

210.3050,

 0.0000, 0.0000,

207.3250, 222.6903

0.0000

254.8662,
252.2818, 271.2131

■ 32.5494, 30.3018,
32.1503

■ 32.5494, 30.3018,
32.1503

■ 29.1353, 25.1294,
25.9067

■ 36.5051, 36.3452,
39.2269

■ 26.2364, 20.7840,
20.4633

■ 41.0220, 43.2930,
47.1637

■ 23.8281, 17.2235,
15.7879

■ 46.1221, 51.1818,
55.9894

■ 21.8825, 14.4009,
11.8452

■ 51.8252, 60.0450,
65.7304

■ 20.3691, 12.2638,
8.5974

■ 58.1504, 69.9143,
76.4121

■ 19.2533, 10.7532,
6.0030

■ 65.1157, 80.8200,
88.0591

■ 18.4952, 9.7997,
4.0156

■ 69.9650, 87.2443,
99.7703

■ 18.0213, 9.2683,
2.5742

■ 71.4894, 87.8541,
107.7974

■ 17.9981, 9.2415,
2.5057

Harmonies

Analogous

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



32.1890, 30.3018, 37.6070



32.5494, 30.3018, 32.1503



31.8703, 30.3018, 27.4499

Triad

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



32.5494, 30.3018, 32.1503



26.7940, 30.3018, 25.2065



27.2871, 30.3018, 43.2495

Complementary

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



32.5494, 30.3018, 32.1503



33.3836, 39.1507, 42.8450

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.



25.9353, 30.3018, 39.2374



32.5494, 30.3018, 32.1503



25.6594, 30.3018, 28.7737

Square

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



32.5494, 30.3018, 32.1503



28.5050, 30.3018, 23.7277



25.3519, 30.3018, 33.8513



29.0989, 30.3018, 44.4032

Rectangle

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



32.5494, 30.3018, 32.1503



30.9360, 30.3018, 25.2549



25.3519, 30.3018, 33.8513



26.7664, 30.3018, 42.1705

Sweetspot

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



32.5502, 30.3032, 32.1509



67.9531, 69.0438, 74.8030



33.3342, 30.4309, 44.6747



14.9922, 15.1751, 16.4299



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5502, 30.3032, 32.1509



55.7537, 50.4098, 52.9647



33.4956, 33.0537, 29.8155



8.0702, 8.0413, 8.6803



12.9075, 6.6255, 1.8924



0.3781, 0.1919, 0.1528

Inverse Universe

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



32.5502, 30.3032, 32.1509



55.7537, 50.4098, 52.9647



32.2448, 35.8016, 45.7688



8.0702, 8.0413, 8.6803



12.9075, 6.6255, 1.8924



0.3781, 0.1919, 0.1528

Previews

White Background



This preview shows how the XYZ color 32.5494, 30.3018, 32.1503 looks on a white background.

Color Contrast Check

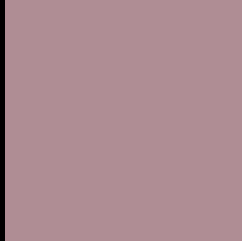
Large Text (above 18pt) WCAG AA × Fail

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 32.5494, 30.3018, 32.1503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

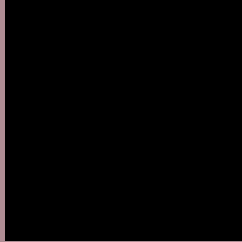
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5494, 30.3018, 32.1503

Background



This preview shows how black text looks on a background with the XYZ color 32.5494, 30.3018, 32.1503.



This preview shows how white text looks on a background with the XYZ color 32.5494, 30.3018,

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

32.5494, 30.3018, 32.1503

Protanopia

29.4461, 30.4702, 34.4664

Deuteranopia

30.9089, 30.3567, 31.8341



Tritanopia

32.6432, 30.1045, 33.3684

Trichromacy



Original Color

32.5494, 30.3018, 32.1503

Protanomaly

30.3620, 30.2657, 33.5198

Deuteranomaly

31.6019, 30.4881, 31.8230

Tritanomaly

32.5623, 30.0721, 32.9424

Monochromacy



Original Color

32.5494, 30.3018, 32.1503

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6730, 30.8878, 33.6234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5494, 30.3018, 32.1503 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(175, 141, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 141, 148)  
}
```

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(175, 141, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 141, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.5494, 30.3018, 32.1503 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(175, 141, 148) }
```


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

```
.border{ border-color:rgb(175, 141, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 141, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 141, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 141, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 141,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5494, 30.3018, 32.1503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 141, 148) }
```

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

```
.background{ background-color: rgb(175,  
141, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor