

Converting Colors

XYZ(32.3706, 32.2737, 31.3118)

Have a look what the booklet for
XYZ(32.3706, 32.2737, 31.3118)
contains.

XYZ(32.3794, 32.2920, 31.3145)	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(32.3794, 32.2920,
31.3145)**

Conversions

Conversions Part 1

Format	Color
Hex	A99691
RGB	169, 150, 145
RGB Percent	66%, 59%, 57%
CMY	0.3373, 0.4117, 0.4314
CMYK	0.00, 0.11, 0.14, 0.34
HSL	13°, 12%, 62%
HSV	13°, 14%, 66%
XYZ	32.3794, 32.2920, 31.3145
YIQ	155.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

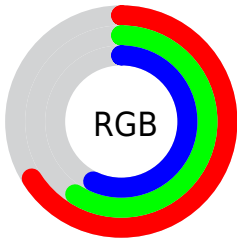
Format	Color
R_{YB}	169, 151, 145
Decimal	11114129
CIE _{Lab}	63.58, 6.17, 5.20
CIE _{LCh}	64, 8.069, 40.098
Yxy	32.2920, 0.3373, 0.3364
Android (android.graphics.Color)	4289304209 (0xFFA99691)
YUV	155.1110, -4.9847, 12.1807
Hunter-Lab	56.8261, 2.2634, 7.1060

Details

The XYZ color **32.3794, 32.2920, 31.3145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1139, 35.4347, 42.6836**, and the grayscale version is **31.2229, 32.8489, 35.7725**.

A 20% lighter version of the original color is **62.6421, 63.1565, 62.9217**, and **13.8635, 13.5318, 12.7077** is the 20% darker color. If you saturate the color by 10%, you get **29.1580, 27.7816, 24.2826**, and if you desaturate by 10%, it is **36.0402, 37.3702, 39.4501**.

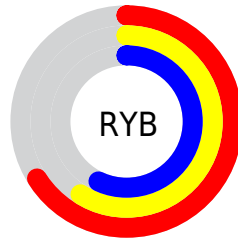
Distribution



Red (66%)

Green (59%)

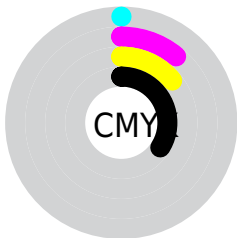
Blue (57%)



Red (66%)

Yellow (59%)

Blue (57%)

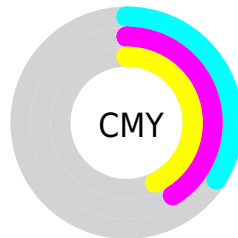


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3794, 32.2920, 31.3145 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 32.3794, 32.2920, 31.3145 by changing the saturation by 10% instead.

■ 32.3794, 32.2920,
31.3145

■ 32.3794, 32.2920,
31.3145

304.5586,
312.4473, 322.3806

■ 21.8084, 21.5846,
20.5780

■ 62.7666, 63.2686,
62.8203

■ 13.8320, 13.5520,
12.6276

■ 83.3135, 84.3066,
84.4266

■ 8.0848, 7.8098,
7.0449

107.9164,
109.5569, 110.4932

■ 4.2015, 3.9735,
3.4114

136.9407,
139.4039, 141.4388

■ 1.8168, 1.6587,
1.3083

170.7517,
174.2321, 177.6817

■ 0.5277, 0.3967,
0.0686

209.7148,

■ 0.0000, 0.0000,

214.4258, 219.6406

0.0000

254.1953,
260.3694, 267.7341

■ 32.3794, 32.2920,
31.3145

■ 32.3794, 32.2920,
31.3145

■ 29.1580, 27.7816,
24.2826

■ 36.0402, 37.3702,
39.4501

■ 26.3566, 23.8151,
18.3047

■ 40.1535, 43.0307,
48.7320

■ 23.9584, 20.3730,
13.3302

■ 44.7351, 49.2928,
59.2033

■ 21.9443, 17.4329,
9.3039

■ 49.7994, 56.1736,
70.9039

■ 20.2936, 14.9712,
6.1648

■ 55.3600, 63.6895,
83.8721

■ 18.9835, 12.9619,
3.8451

■ 61.4301, 71.8564,
98.1444

■ 17.9886, 11.3765,
2.2666

■ 66.6563, 80.1430,
106.5637

■ 17.2794, 10.1833,
1.3363

■ 70.1724, 87.1751,
107.7357

■ 16.9702, 9.6506,
0.9683

Harmonies

Analogous

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



32.8747, 32.2920, 34.0841



32.3794, 32.2920, 31.3145



31.4358, 32.2920, 29.6444

Triad

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



32.3794, 32.2920, 31.3145



28.7007, 32.2920, 33.0909



31.0739, 32.2920, 41.6279

Complementary

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



32.3794, 32.2920, 31.3145



32.1139, 35.4347, 42.6836

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.



29.9612, 32.2920, 41.3216



32.3794, 32.2920, 31.3145



28.6092, 32.2920, 36.2594

Square

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



32.3794, 32.2920, 31.3145



29.3185, 32.2920, 30.6257



29.0654, 32.2920, 39.3092



32.1089, 32.2920, 40.1222

Rectangle

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



32.3794, 32.2920, 31.3145



30.6889, 32.2920, 29.3150



29.0654, 32.2920, 39.3092



30.6963, 32.2920, 41.7356

Sweetspot

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



32.3803, 32.2934, 31.3152



64.6352, 67.0516, 70.8538



33.2070, 31.3739, 39.5228



13.9774, 14.4620, 15.1961



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.3803, 32.2934, 31.3152



56.1173, 55.2209, 51.9673



34.3586, 36.2501, 31.9746



7.6531, 7.7863, 7.8888



12.6802, 7.2577, 0.7325



0.3429, 0.2453, 0.0293

Inverse Universe

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



32.1139, 35.4347, 42.6836



55.5475, 61.9294, 76.2510



30.0997, 31.4063, 42.0122



7.6128, 8.2626, 9.6119



11.7069, 14.8739, 30.2294



0.3173, 0.4269, 0.7463

Previews

White Background



This preview shows how the XYZ color 32.3794, 32.2920, 31.3145 looks on a white background.

Color Contrast Check

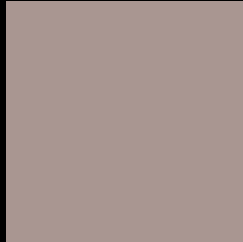
Large Text (above 18pt) WCAG AA × Fail

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 32.3794, 32.2920, 31.3145 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 32.3794, 32.2920, 31.3145

Background



This preview shows how black text looks on a background with the XYZ color 32.3794, 32.2920, 31.3145.



This preview shows how white text looks on a background with the XYZ color 32.3794, 32.2920,

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

32.3794, 32.2920, 31.3145

Protanopia

30.7582, 32.1582, 32.1898

Deuteranopia

32.8715, 32.3099, 31.2920



Tritanopia

33.6425, 32.3409, 37.2702

Trichromacy



Original Color

32.3794, 32.2920, 31.3145

Protanomaly

31.3168, 32.2132, 31.7613

Deuteranomaly

32.6529, 32.1972, 31.2817

Tritanomaly

33.1577, 32.3740, 35.0731

Monochromacy



Original Color

32.3794, 32.2920, 31.3145

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4744, 32.4904, 33.8906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3794, 32.2920, 31.3145 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(169, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 145)  
}
```

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(169, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 145) }
```

Border

The CSS property to change the border of an element to XYZ 32.3794, 32.2920, 31.3145 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(169, 150, 145) }
```


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

```
.border{ border-color:rgb(169, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3794, 32.2920, 31.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 145) }
```

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

```
.background{ background-color: rgb(169,  
150, 145) }
```

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