

Converting Colors

XYZ(32.1022, 30.5222, 31.8032)

Have a look what the booklet for
XYZ(32.1022, 30.5222, 31.8032)
contains.

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Color

**XYZ(32.1022, 30.5222,
31.8032)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8F93
RGB	172, 143, 147
RGB Percent	67%, 56%, 58%
CMY	0.3255, 0.4392, 0.4235
CMYK	0.00, 0.17, 0.15, 0.33
HSL	352°, 15%, 62%
HSV	352°, 17%, 67%
XYZ	32.1022, 30.5222, 31.8032
YIQ	152.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

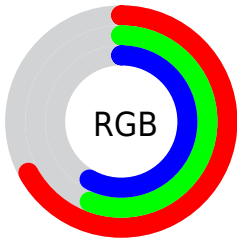
Format	Color
RYB	172, 143, 147
Decimal	11308947
CIELab	62.10, 11.56, 1.96
CIELCh	62, 11.723, 9.626
Yxy	30.5222, 0.3400, 0.3232
Android (android.graphics.Color)	4289499027 (0xFFAC8F93)
YUV	152.1270, -2.5276, 17.4286
Hunter-Lab	55.2469, 7.0385, 4.5422

Details

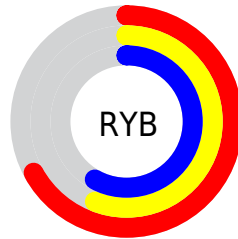
The XYZ color **32.1022, 30.5222, 31.8032** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1493, 38.1726, 42.6686**, and the grayscale version is **29.9063, 31.4638, 34.2640**.

A 20% lighter version of the original color is **62.5038, 60.6435, 63.6694**, and **13.6798, 12.6137, 13.0229** is the 20% darker color. If you saturate the color by 10%, you get **28.6259, 25.3131, 25.2687**, and if you desaturate by 10%, it is **36.1262, 36.5859, 39.2611**.

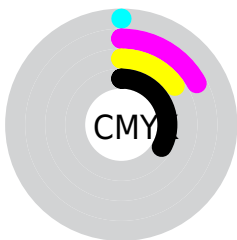
Distribution



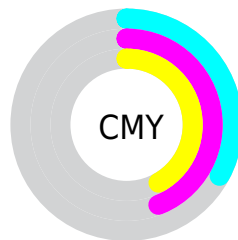
- Red (67%)
- Green (56%)
- Blue (58%)



- Red (67%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (33%)





- Cyan (33%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1022, 30.5222, 31.8032 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 32.1022, 30.5222, 31.8032 by changing the saturation by 10% instead.


 32.1022, 30.5222,
31.8032


 32.1022, 30.5222,
31.8032


303.3216,
304.3310, 324.6868


 21.5955, 20.2353,
20.9477


 62.3354, 60.4870,
63.5968

 13.6749, 12.5662,
12.8949


 82.7926, 80.9337,
85.3719

 7.9751, 7.1305,
7.2263


 107.2973,
105.5358, 111.6239

 4.1307, 3.5439,
3.5235

136.2149,
134.6777, 142.7714

 1.7763, 1.4218,
1.3677

169.9108,
168.7438, 179.2329

 0.5033, 0.2327,
0.1164

208.7503,

 0.0000, 0.0000,

208.1184, 221.4269

0.0000

253.0988,
253.1860, 269.7721

■ 32.1022, 30.5222,
31.8032

■ 32.1022, 30.5222,
31.8032

■ 28.6259, 25.3131,
25.2687

■ 36.1262, 36.5859,
39.2611

■ 25.6710, 20.9162,
19.6196

■ 40.7175, 43.5358,
47.6745

■ 23.2129, 17.2917,
14.8184

■ 45.8979, 51.4071,
57.0762

■ 21.2242, 14.3949,
10.8239

■ 51.6873, 60.2318,
67.4970

■ 19.6745, 12.1765,
7.5915

■ 58.1048, 70.0402,
78.9663

■ 18.5300, 10.5809,
5.0721

■ 65.1684, 80.8616,
91.5122

■ 17.7516, 9.5438,
3.2109

■ 70.1554, 87.2435,
104.2485

■ 17.2861, 8.9736,
1.9428

■ 70.8234, 87.5107,
107.7662

■ 17.1752, 8.8355,
1.6485

Harmonies

Analogous

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



31.9453, 30.5222, 36.3478



32.1022, 30.5222, 31.8032



31.4079, 30.5222, 27.9996

Triad

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



32.1022, 30.5222, 31.8032



27.1202, 30.5222, 26.9865



27.9680, 30.5222, 42.0522

Complementary

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



32.1022, 30.5222, 31.8032



33.1493, 38.1726, 42.6686

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.



26.7382, 30.5222, 39.0821



32.1022, 30.5222, 31.8032



26.2611, 30.5222, 30.3023

Square

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



32.1022, 30.5222, 31.8032



28.5066, 30.5222, 25.3895



26.1238, 30.5222, 34.7060



29.5201, 30.5222, 42.5464

Rectangle

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



32.1022, 30.5222, 31.8032



30.5700, 30.5222, 26.2936



26.1238, 30.5222, 34.7060



27.5048, 30.5222, 41.2982

Sweetspot

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



32.1031, 30.5236, 31.8038



66.9348, 68.4826, 73.7965



33.3438, 30.9114, 43.2391



14.4291, 14.7055, 15.8218



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.1031, 30.5236, 31.8038



55.9208, 51.8930, 53.3598



33.3879, 33.5866, 30.7115



8.0485, 8.0327, 8.5664



12.7936, 6.5800, 1.2925



0.3695, 0.1885, 0.1077

Inverse Universe

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



32.1031, 30.5236, 31.8038



55.9208, 51.8930, 53.3598



31.6692, 34.6071, 44.0407



8.0485, 8.0327, 8.5664



12.7936, 6.5800, 1.2925



0.3695, 0.1885, 0.1077

Previews

White Background



This preview shows how the XYZ color 32.1022, 30.5222, 31.8032 looks on a white background.

Color Contrast Check

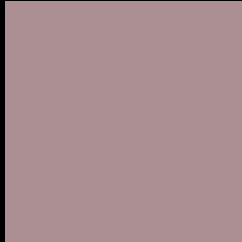
Large Text (above 18pt) WCAG AA × Fail

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 32.1022, 30.5222, 31.8032 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 32.1022, 30.5222, 31.8032

Background



This preview shows how black text looks on a background with the XYZ color 32.1022, 30.5222, 31.8032.



This preview shows how white text looks on a background with the XYZ color 32.1022, 30.5222,

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

32.1022, 30.5222, 31.8032

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

31.1177, 30.4644, 31.8439



Tritanopia

32.6564, 30.5301, 34.3087

Trichromacy



Original Color

32.1022, 30.5222, 31.8032

Protanomaly

30.4359, 30.5430, 33.1454

Deuteranomaly

31.3882, 30.3779, 31.8130

Tritanomaly

32.4925, 30.4646, 33.4459

Monochromacy



Original Color

32.1022, 30.5222, 31.8032

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5505, 31.0678, 33.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1022, 30.5222, 31.8032 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(172, 143, 147)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 147)  
}
```

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(172, 143, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.1022, 30.5222, 31.8032 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(172, 143, 147) }
```


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

```
.border{ border-color:rgb(172, 143, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1022, 30.5222, 31.8032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 147) }
```

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

```
.background{ background-color: rgb(172,  
143, 147) }
```

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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