

Converting Colors

XYZ(32.2490, 30.0906, 24.0966)

Have a look what the booklet for
XYZ(32.2490, 30.0906, 24.0966)
contains.

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Color

**XYZ(32.2649, 30.1122,
24.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	B58C7F
RGB	181, 140, 127
RGB Percent	71%, 55%, 50%
CMY	0.2902, 0.4510, 0.5020
CMYK	0.00, 0.23, 0.30, 0.29
HSL	14°, 27%, 60%
HSV	14°, 30%, 71%
XYZ	32.2649, 30.1122, 24.1904
YIQ	150.7770, 28.6090, 4.6490

Conversions

Conversions Part 2

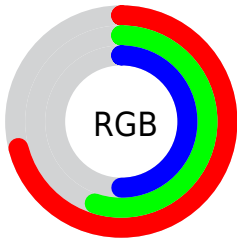
Format	Color
RYB	181, 144, 127
Decimal	11897983
CIELab	61.75, 13.66, 12.92
CIELCh	62, 18.803, 43.410
Yxy	30.1122, 0.3727, 0.3478
Android (android.graphics.Color)	4290088063 (0xFFB58C7F)
YUV	150.7770, -11.7221, 26.5056
Hunter-Lab	54.8746, 8.9231, 12.2754

Details

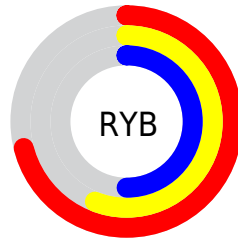
The XYZ color **32.2649, 30.1122, 24.1904** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0952, 35.8525, 48.9975**, and the grayscale version is **29.3607, 30.8897, 33.6389**.

A 20% lighter version of the original color is **62.7899, 60.0560, 51.4626**, and **13.7837, 12.3744, 8.8697** is the 20% darker color. If you saturate the color by 10%, you get **29.3056, 25.9149, 17.8976**, and if you desaturate by 10%, it is **35.6885, 34.8987, 31.6841**.

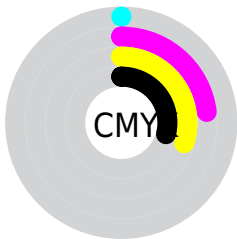
Distribution



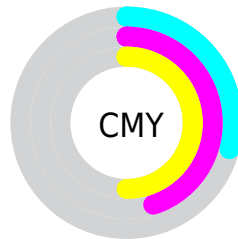
- Red (71%)
- Green (55%)
- Blue (50%)



- Red (71%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2649, 30.1122, 24.1904 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 32.2649, 30.1122, 24.1904 by changing the saturation by 10% instead.


 32.2649, 30.1122,
24.1904


 32.2649, 30.1122,
24.1904


304.0481,
302.4271, 287.0992


 21.7204, 19.9238,
15.2614


 62.5885, 59.8396,
51.2884

 13.7671, 12.3396,
8.8544


 83.0984, 80.1473,
70.2946

 8.0395, 6.9754,
4.5508

 107.6608,
104.5969, 93.4969

 4.1722, 3.4467,
1.9321

136.6411,
133.5728, 121.3138

 1.8000, 1.3692,
0.5131

170.4046,
167.4594, 154.1640

 0.5177, 0.1938,
0.0000

209.3167,

 0.0000, 0.0000,

206.6410, 192.4659

0.0000

253.7427,
251.5021, 236.6381

■ 32.2649, 30.1122,
24.1904

■ 32.2649, 30.1122,
24.1904

■ 29.3056, 25.9149,
17.8976

■ 35.6885, 34.8987,
31.6841

■ 26.7878, 22.2795,
12.7411

■ 39.5932, 40.2917,
40.4352

■ 24.6899, 19.1830,
8.6529

■ 43.9980, 46.3132,
50.4987

■ 22.9877, 16.5989,
5.5568

■ 48.9200, 52.9828,
61.9258

■ 21.6545, 14.4986,
3.3667

■ 54.3756, 60.3192,
74.7649

■ 20.6594, 12.8503,
1.9811

■ 60.3803, 68.3403,
89.0622

■ 19.9515, 11.6120,
1.1984

■ 66.9492, 77.0634,
104.8615

■ 19.9414, 11.5944,
1.1869

■ 71.2718, 85.3752,
107.3304

■ 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



33.5671, 30.1122, 29.6903



32.2649, 30.1122, 24.1904



30.0183, 30.1122, 21.2626

Triad

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



32.2649, 30.1122, 24.1904



24.2477, 30.1122, 29.0035



29.7526, 30.1122, 48.1218

Complementary

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



32.2649, 30.1122, 24.1904



31.0952, 35.8525, 48.9975

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.



27.2672, 30.1122, 47.8664



32.2649, 30.1122, 24.1904



24.1858, 30.1122, 36.0920

Square

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



32.2649, 30.1122, 24.1904



25.4362, 30.1122, 23.7511



25.2619, 30.1122, 43.2116



32.0606, 30.1122, 43.8655

Rectangle

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



32.2649, 30.1122, 24.1904



28.3351, 30.1122, 20.8533



25.2619, 30.1122, 43.2116



28.9083, 30.1122, 48.5775

Sweetspot

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



32.2657, 30.1136, 24.1910



71.4206, 72.8621, 73.5742



33.7509, 27.8449, 40.8374



15.2058, 15.4311, 15.3797



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.2657, 30.1136, 24.1910



54.1108, 48.7311, 35.4691



36.6326, 38.8474, 25.6466



8.6570, 8.8266, 8.9000



13.7936, 8.0857, 0.8337



0.4800, 0.3464, 0.0416

Inverse Universe

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



31.0952, 35.8525, 48.9975



51.6549, 60.6989, 87.2882



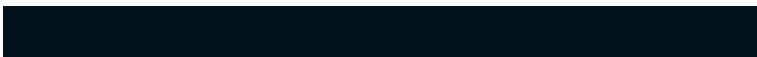
26.6772, 27.0165, 47.5249



8.5658, 9.2779, 10.8457



12.0132, 14.8269, 32.3657



0.4199, 0.5504, 1.0323

Previews

White Background



This preview shows how the XYZ color 32.2649, 30.1122, 24.1904 looks on a white background.

Color Contrast Check

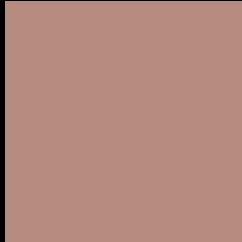
Large Text (above 18pt) WCAG AA × Fail

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 32.2649, 30.1122, 24.1904 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 32.2649, 30.1122, 24.1904

Background



This preview shows how black text looks on a background with the XYZ color 32.2649, 30.1122, 24.1904.



This preview shows how white text looks on a background with the XYZ color 32.2649, 30.1122,

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

32.2649, 30.1122, 24.1904

Protanopia

28.6226, 30.2288, 26.1560

Deuteranopia

30.7524, 30.2235, 23.9516



Tritanopia

33.8194, 30.0967, 32.0437

Trichromacy



Original Color

32.2649, 30.1122, 24.1904

Protanomaly

29.8252, 30.1688, 25.3703

Deuteranomaly

31.2676, 30.2652, 23.9325

Tritanomaly

33.1135, 30.0155, 28.8592

Monochromacy



Original Color

32.2649, 30.1122, 24.1904

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2165, 30.5018, 29.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2649, 30.1122, 24.1904 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(181, 140, 127)` looks like.

```
.text, #text, p{  
    color:rgb(181, 140, 127)  
}
```

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(181, 140, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 140, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.2649, 30.1122, 24.1904 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(181, 140, 127) }
```


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

```
.border{ border-color:rgb(181, 140, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 140, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 140, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 140, 127);  
box-shadow:4px 4px 4px 4px rgb(181, 140,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2649, 30.1122, 24.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 140, 127) }
```

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

```
.background{ background-color: rgb(181,  
140, 127) }
```

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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