

Converting Colors

XYZ(32.6246, 31.8647, 24.5097)

Have a look what the booklet for
XYZ(32.6246, 31.8647, 24.5097)
contains.

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Color

**XYZ(32.6246, 31.8647,
24.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	B2937F
RGB	178, 147, 127
RGB Percent	70%, 58%, 50%
CMY	0.3020, 0.4235, 0.5020
CMYK	0.00, 0.17, 0.29, 0.30
HSL	24°, 25%, 60%
HSV	24°, 29%, 70%
XYZ	32.6246, 31.8647, 24.5097
YIQ	153.9890, 24.8960, 0.3520

Conversions

Conversions Part 2

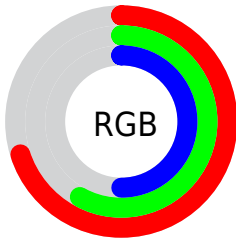
Format	Color
RYB	178, 160, 127
Decimal	11703167
CIELab	63.23, 8.57, 14.94
CIELCh	63, 17.227, 60.160
Yxy	31.8647, 0.3666, 0.3580
Android (android.graphics.Color)	4289893247 (0xFFB2937F)
YUV	153.9890, -13.3056, 21.0576
Hunter-Lab	56.4488, 4.3786, 13.7709

Details

The XYZ color **32.6246, 31.8647, 24.5097** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.0149, 32.1793, 46.8016**, and the grayscale version is **30.7599, 32.3618, 35.2420**.

A 20% lighter version of the original color is **63.0565, 62.5610, 51.9321**, and **13.8702, 13.2009, 9.0247** is the 20% darker color. If you saturate the color by 10%, you get **29.9617, 28.2342, 18.3955**, and if you desaturate by 10%, it is **35.6524, 35.8965, 31.7575**.

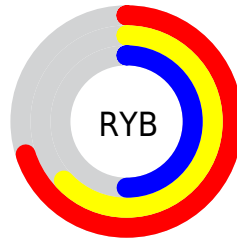
Distribution



Red (70%)

Green (58%)

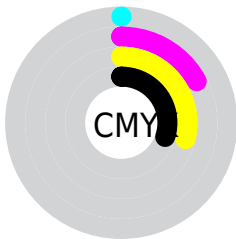
Blue (50%)



Red (70%)

Yellow (63%)

Blue (50%)

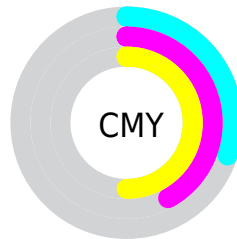


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (42%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6246, 31.8647, 24.5097 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 32.6246, 31.8647, 24.5097 by changing the saturation by 10% instead.


 32.6246, 31.8647,
24.5097


 32.6246, 31.8647,
24.5097


305.6497,
310.5025, 288.7564

 21.9969, 21.2582,
15.4965


 63.1476, 62.5989,
51.8149

 13.9712, 13.3129,
9.0181

 83.7736, 83.4954,
70.9439

 8.1822, 7.6443,
4.6560


 108.4630,
108.5907, 94.2820

 4.2645, 3.8682,
1.9917

137.5813,
138.2691, 122.2476

 1.8529, 1.6001,
0.5502

171.4938,
172.9151, 155.2593

 0.5492, 0.3577,
0.0000

210.5658,

 0.0000, 0.0000,

212.9131, 193.7357

0.0000

255.1626,
258.6474, 238.0952

■ 32.6246, 31.8647,
24.5097

■ 32.6246, 31.8647,
24.5097

■ 29.9617, 28.2342,
18.3955

■ 35.6524, 35.8965,
31.7575

■ 27.6461, 24.9878,
13.3545

■ 39.0567, 40.3377,
40.1908

■ 25.6623, 22.1130,
9.3240

■ 42.8517, 45.2015,
49.8610

■ 23.9924, 19.5951,
6.2336

■ 47.0502, 50.4990,
60.8155

■ 22.6167, 17.4183,
4.0038

■ 51.6642, 56.2413,
73.0994

■ 21.5126, 15.5650,
2.5418

■ 56.7052, 62.4386,
86.7557

■ 20.6441, 14.0119,
1.6854

■ 62.1843, 69.1010,
101.8251

■ 20.5389, 13.8224,
1.5855

■ 65.7055, 75.2757,
105.6744

■ 68.8724, 81.6094,
106.7300

Harmonies

Analogous

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



34.4245, 31.8647, 28.5096



32.6246, 31.8647, 24.5097



30.2736, 31.8647, 23.1552

Triad

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



32.6246, 31.8647, 24.5097



25.9306, 31.8647, 34.7320



32.6480, 31.8647, 47.3264

Complementary

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



32.6246, 31.8647, 24.5097



29.0149, 32.1793, 46.8016

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.



30.2993, 31.8647, 49.5457



32.6246, 31.8647, 24.5097



26.4941, 31.8647, 41.7166

Square

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



32.6246, 31.8647, 24.5097



26.4823, 31.8647, 28.5654



28.0628, 31.8647, 47.3716



34.4384, 31.8647, 41.6446

Rectangle

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



32.6246, 31.8647, 24.5097



28.7342, 31.8647, 23.7747



28.0628, 31.8647, 47.3716



31.8936, 31.8647, 48.5330

Sweetspot

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



32.6254, 31.8662, 24.5104



70.4983, 72.7251, 72.0585



32.1602, 27.1283, 36.0928



15.4130, 15.8455, 15.4488



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.



32.6254, 31.8662, 24.5104



56.2183, 53.7910, 37.6230



36.9532, 40.5216, 25.9529



8.7607, 9.0338, 8.9345



14.7533, 10.0051, 1.1536



0.5219, 0.4302, 0.0555

Inverse Universe

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



29.0149, 32.1793, 46.8016



48.6494, 54.4383, 84.3247



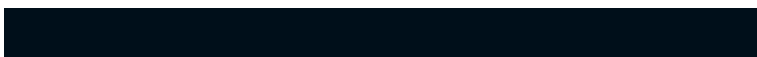
25.1694, 24.4882, 45.5198



8.4573, 9.0608, 10.8095



9.6632, 10.1268, 31.5823



0.3589, 0.4283, 1.0120

Previews

White Background



This preview shows how the XYZ color 32.6246, 31.8647, 24.5097 looks on a white background.

Color Contrast Check

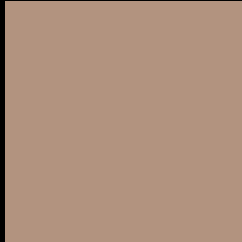
Large Text (above 18pt) WCAG AA × Fail

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 32.6246, 31.8647, 24.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

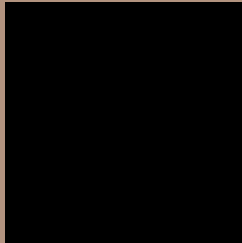
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6246, 31.8647, 24.5097

Background



This preview shows how black text looks on a background with the XYZ color 32.6246, 31.8647, 24.5097.



This preview shows how white text looks on a background with the XYZ color 32.6246, 31.8647,

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

32.6246, 31.8647, 24.5097

Protanopia

30.1184, 31.9712, 25.7027

Deuteranopia

32.3959, 31.7469, 24.4990



Tritanopia

34.7113, 31.8018, 34.8807

Trichromacy



Original Color

32.6246, 31.8647, 24.5097

Protanomaly

30.9654, 31.9337, 25.3006

Deuteranomaly

32.3959, 31.7469, 24.4990

Tritanomaly

33.8297, 31.6634, 30.7142

Monochromacy



Original Color

32.6246, 31.8647, 24.5097

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2049, 31.9334, 30.9046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6246, 31.8647, 24.5097 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(178, 147, 127)` looks like.

```
.text, #text, p{  
    color:rgb(178, 147, 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(178, 147, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 147, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.6246, 31.8647, 24.5097 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(178, 147, 127) }
```


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

```
.border{ border-color:rgb(178, 147, 127) }
```

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

Here you see how a box with a 4 pixel rgb(178, 147, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 147, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 147, 127);  
box-shadow:4px 4px 4px 4px rgb(178, 147,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6246, 31.8647, 24.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 147, 127) }
```

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

```
.background{ background-color: rgb(178,  
147, 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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