

Converting Colors

XYZ(32.7398, 32.2384, 23.8203)

Have a look what the booklet for
XYZ(32.7398, 32.2384, 23.8203)
contains.

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Color

**XYZ(32.6517, 32.1255,
23.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	B2947D
RGB	178, 148, 125
RGB Percent	70%, 58%, 49%
CMY	0.3020, 0.4196, 0.5098
CMYK	0.00, 0.17, 0.30, 0.30
HSL	26°, 26%, 59%
HSV	26°, 30%, 70%
XYZ	32.6517, 32.1255, 23.8819
YIQ	154.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

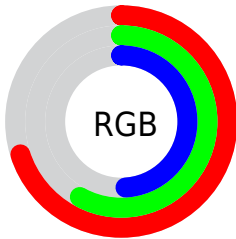
Format	Color
R_{YB}	178, 166, 125
Decimal	11703421
CIE _{Lab}	63.45, 7.74, 16.36
CIE _{LCh}	63, 18.100, 64.686
Yxy	32.1255, 0.3683, 0.3623
Android (android.graphics.Color)	4289893501 (0xFFB2947D)
YUV	154.3480, -14.4686, 20.7428
Hunter-Lab	56.6794, 3.6409, 14.6937

Details

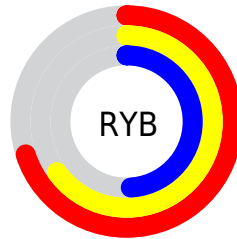
The XYZ color **32.6517, 32.1255, 23.8819** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.2143, 31.0160, 46.6193**, and the grayscale version is **30.9227, 32.5331, 35.4285**.

A 20% lighter version of the original color is **63.0881, 62.9478, 50.9445**, and **13.8914, 13.3563, 8.6833** is the 20% darker color. If you saturate the color by 10%, you get **30.1031, 28.6878, 17.9161**, and if you desaturate by 10%, it is **35.5433, 35.9228, 30.9681**.

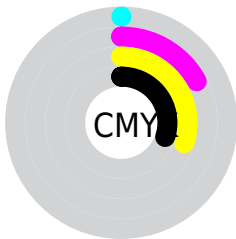
Distribution



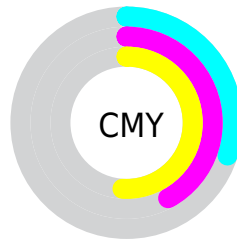
- Red (70%)
- Green (58%)
- Blue (49%)



- Red (70%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (30%)




- Cyan (30%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6517, 32.1255, 23.8819 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 32.6517, 32.1255, 23.8819 by changing the saturation by 10% instead.


 32.6517, 32.1255,
23.8819

 32.6517, 32.1255,
23.8819


305.7702,
311.6905, 285.4902

 22.0177, 21.4574,
15.0346


 63.1897, 63.0078,
50.7788

 13.9866, 13.4587,
8.6968


 83.8244, 83.9907,
69.6656

 8.1930, 7.7452,
4.4499


 108.5234,
109.1807, 92.7359

 4.2715, 3.9323,
1.8752

137.6520,
138.9622, 120.4084

 1.8569, 1.6358,
0.4769

171.5757,
173.7195, 153.1015

 0.5516, 0.3815,
0.0000

210.6597,

 0.0000, 0.0000,

213.8371, 191.2338

0.0000

255.2694,
259.6993, 235.2238

■ 32.6517, 32.1255,
23.8819

■ 32.6517, 32.1255,
23.8819

■ 30.1031, 28.6878,
17.9161

■ 35.5433, 35.9228,
30.9681

■ 27.8807, 25.5939,
13.0104

■ 38.7890, 40.0860,
39.2271

■ 25.9697, 22.8333,
9.1014

■ 42.4020, 44.6268,
48.7100

■ 24.3532, 20.3931,
6.1183

■ 46.3946, 49.5550,
59.4645

■ 23.0121, 18.2594,
3.9807

■ 50.7779, 54.8802,
71.5358

■ 21.9247, 16.4167,
2.5941

■ 55.5631, 60.6112,
84.9667

■ 21.0503, 14.8418,
1.7668

■ 60.7605, 66.7571,
99.7980

■ 21.0322, 14.8090,
1.7499

■ 64.3184, 72.5014,
105.2120

■ 67.1808, 78.2262,
106.1661

Harmonies

Analogous

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



34.6912, 32.1255, 27.6666



32.6517, 32.1255, 23.8819



30.1405, 32.1255, 22.8993

Triad

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



32.6517, 32.1255, 23.8819



25.9585, 32.1255, 36.1243



33.3734, 32.1255, 47.6652

Complementary

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



32.6517, 32.1255, 23.8819



28.2143, 31.0160, 46.6193

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.



30.9316, 32.1255, 50.6994



32.6517, 32.1255, 23.8819



26.7235, 32.1255, 43.4786

Square

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



32.6517, 32.1255, 23.8819



26.3633, 32.1255, 29.3789



28.5105, 32.1255, 49.0712



35.1237, 32.1255, 41.2495

Rectangle

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



32.6517, 32.1255, 23.8819



28.5565, 32.1255, 23.8321



28.5105, 32.1255, 49.0712



32.6014, 32.1255, 49.1517

Sweetspot

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



32.6525, 32.1270, 23.8826



70.7272, 73.1829, 72.1348



31.6132, 26.5002, 34.4742



15.4711, 15.9616, 15.4682



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.



32.6525, 32.1270, 23.8826



55.9819, 53.9205, 35.6871



37.2883, 41.3986, 25.4278



8.7896, 9.0918, 8.9442



15.1090, 10.7165, 1.2722



0.5338, 0.4540, 0.0595

Inverse Universe

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



28.2143, 31.0160, 46.6193



46.5711, 51.5586, 83.8784



24.2826, 23.1525, 45.3087



8.4277, 9.0015, 10.7996



9.1251, 9.0505, 31.4030



0.3438, 0.3982, 1.0070

Previews

White Background



This preview shows how the XYZ color 32.6517, 32.1255, 23.8819 looks on a white background.

Color Contrast Check

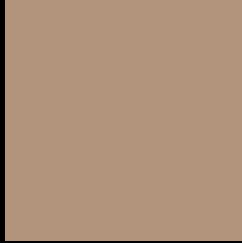
Large Text (above 18pt) WCAG AA × Fail

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 32.6517, 32.1255, 23.8819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

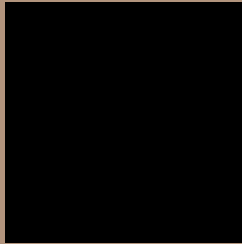
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6517, 32.1255, 23.8819

Background



This preview shows how black text looks on a background with the XYZ color 32.6517, 32.1255, 23.8819.



This preview shows how white text looks on a background with the XYZ color 32.6517, 32.1255,

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

32.6517, 32.1255, 23.8819

Protanopia

30.1878, 32.0224, 25.0119

Deuteranopia

32.8820, 32.2442, 23.8927



Tritanopia

34.9457, 32.1368, 35.3715

Trichromacy



Original Color

32.6517, 32.1255, 23.8819

Protanomaly

31.0458, 31.9904, 24.6171

Deuteranomaly

32.8820, 32.2442, 23.8927

Tritanomaly

33.9818, 31.9677, 30.7649

Monochromacy



Original Color

32.6517, 32.1255, 23.8819

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2904, 32.2262, 30.5577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6517, 32.1255, 23.8819 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, 148, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 148, 125)  
}
```

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, 148, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 148, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.6517, 32.1255, 23.8819 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, 148, 125) }
```


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

```
.border{ border-color:rgb(178, 148, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 148, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 148, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 148, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 148,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6517, 32.1255, 23.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 148, 125) }
```

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

```
.background{ background-color: rgb(178,  
148, 125) }
```

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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