

Converting Colors

XYZ(36.7518, 32.0252, 22.9845)

Have a look what the booklet for
XYZ(36.7518, 32.0252, 22.9845)
contains.

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Color

**XYZ(36.7510, 32.0245,
22.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	C98A7B
RGB	201, 138, 123
RGB Percent	79%, 54%, 48%
CMY	0.2118, 0.4588, 0.5176
CMYK	0.00, 0.31, 0.39, 0.21
HSL	12°, 42%, 64%
HSV	12°, 39%, 79%
XYZ	36.7510, 32.0245, 22.9833
YIQ	155.1270, 42.3630, 8.6910

Conversions

Conversions Part 2

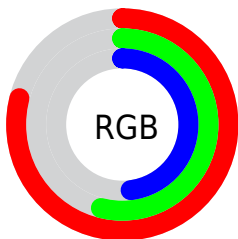
Format	Color
R_{YB}	201, 142, 123
Decimal	13208187
CIE _{Lab}	63.36, 22.18, 17.75
CIE _{LCh}	63, 28.408, 38.671
Yxy	32.0245, 0.4005, 0.3490
Android (android.graphics.Color)	4291398267 (0xFFC98A7B)
YUV	155.1270, -15.8386, 40.2306
Hunter-Lab	56.5902, 16.8893, 15.5333

Details

The XYZ color **36.7510, 32.0245, 22.9833** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2692, 43.5442, 61.7515**, and the grayscale version is **31.2674, 32.8958, 35.8235**.

A 20% lighter version of the original color is **67.9261, 62.0939, 49.4795**, and **16.3213, 13.3305, 8.1914** is the 20% darker color. If you saturate the color by 10%, you get **33.4621, 27.2579, 16.3037**, and if you desaturate by 10%, it is **40.6480, 37.5938, 31.1408**.

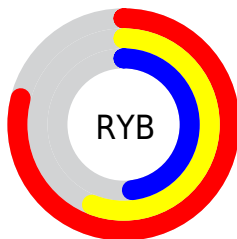
Distribution



Red (79%)

Green (54%)

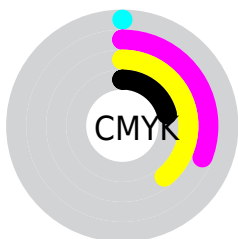
Blue (48%)



Red (79%)

Yellow (56%)

Blue (48%)

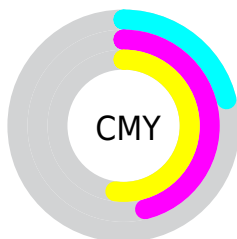


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7510, 32.0245, 22.9833 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 36.7510, 32.0245, 22.9833 by changing the saturation by 10% instead.


 36.7510, 32.0245,
22.9833


 36.7510, 32.0245,
22.9833


323.6055,
311.2308, 280.7583


 25.1875, 21.3802,
14.3760


 69.5060, 62.8495,
49.2888

 16.3463, 13.4022,
8.2409


 91.4282, 83.7990,
67.8240

 9.8619, 7.7061,
4.1595

 117.5341,
108.9524, 90.5056

 5.3691, 3.9075,
1.7133

148.1890,
138.6940, 117.7521

 2.5024, 1.6219,
0.3698

183.7582,
173.4082, 149.9821

 0.8965, 0.3723,
0.0000

224.6071,

 0.0000, 0.0000,

213.4795, 187.6141

0.0000

271.1011,
259.2923, 231.0667

■ 36.7510, 32.0245,
22.9833

■ 36.7510, 32.0245,
22.9833

■ 33.4621, 27.2579,
16.3037

■ 40.6480, 37.5938,
31.1408

■ 30.7476, 23.2521,
11.0110

■ 45.1797, 43.9959,
40.8558

■ 28.5740, 19.9686,
7.0073


■ 50.3740, 51.2649,
52.2044

■ 26.9033, 17.3634,
4.1809


■ 56.2563, 59.4317,
65.2574


■ 25.6922, 15.3876,
2.4006


■ 62.8510, 68.5255,
80.0810

 24.8798, 13.9814,
1.4563

 70.1808, 78.5745,
96.7383

 24.8019, 13.8466,
1.3655

 76.8348, 89.0323,
107.7431

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



38.5671, 32.0245, 31.6965



36.7510, 32.0245, 22.9833



33.2806, 32.0245, 18.2992

Triad

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



36.7510, 32.0245, 22.9833



23.9069, 32.0245, 27.5516



31.5960, 32.0245, 61.0463

Complementary

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



36.7510, 32.0245, 22.9833



36.2692, 43.5442, 61.7515

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.



27.7626, 32.0245, 59.2638



36.7510, 32.0245, 22.9833



23.5404, 32.0245, 38.2470

Square

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



36.7510, 32.0245, 22.9833



25.9416, 32.0245, 20.5132



24.8934, 32.0245, 50.2760



35.4268, 32.0245, 54.7220

Rectangle

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



36.7510, 32.0245, 22.9833



30.6145, 32.0245, 17.3521



24.8934, 32.0245, 50.2760



30.2628, 32.0245, 61.3991

Sweetspot

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



36.7518, 32.0260, 22.9839



83.1254, 83.4167, 82.5256



40.1080, 30.1588, 50.5529



17.5370, 17.4976, 17.1052



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.7518, 32.0260, 22.9839



57.8855, 47.5371, 29.1018



43.2469, 45.0162, 25.1489



10.7963, 10.9617, 11.1096



15.6456, 8.8083, 0.8756



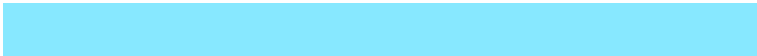
0.7917, 0.5188, 0.0584

Inverse Universe

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



36.2692, 43.5442, 61.7515



56.9071, 70.0658, 105.1325



29.2542, 29.5142, 59.4132



10.7666, 11.7074, 13.6098



14.8538, 19.1016, 37.6485



0.7491, 0.9961, 1.7979

Previews

White Background



This preview shows how the XYZ color 36.7510, 32.0245, 22.9833 looks on a white background.

Color Contrast Check

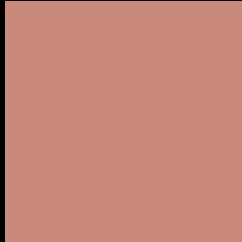
Large Text (above 18pt) WCAG AA × Fail

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 36.7510, 32.0245, 22.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

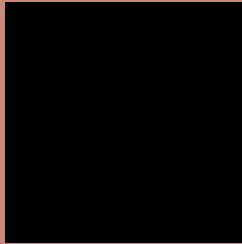
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7510, 32.0245, 22.9833

Background



This preview shows how black text looks on a background with the XYZ color 36.7510, 32.0245, 22.9833.



This preview shows how white text looks on a background with the XYZ color 36.7510, 32.0245,

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

36.7510, 32.0245, 22.9833

Protanopia

30.3208, 32.0756, 25.7122

Deuteranopia

32.8635, 32.2636, 22.5846



Tritanopia

38.4034, 32.0688, 30.9539

Trichromacy



Original Color

36.7510, 32.0245, 22.9833

Protanomaly

32.3252, 31.9422, 24.5404

Deuteranomaly

34.2251, 32.0430, 22.7934

Tritanomaly

37.6766, 31.9710, 27.8522

Monochromacy



Original Color

36.7510, 32.0245, 22.9833

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.7186, 32.2487, 30.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7510, 32.0245, 22.9833 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(201, 138, 123)` looks like.

```
.text, #text, p{  
    color:rgb(201, 138, 123)  
}
```

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(201, 138, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 138, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.7510, 32.0245, 22.9833 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(201, 138, 123) }
```


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

```
.border{ border-color:rgb(201, 138, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 138, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 138, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 138, 123);  
box-shadow:4px 4px 4px 4px rgb(201, 138,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7510, 32.0245, 22.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 138, 123) }
```

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

```
.background{ background-color: rgb(201,  
138, 123) }
```

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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