

Converting Colors

XYZ(32.8567, 30.2942, 14.0695)

Have a look what the booklet for
XYZ(32.8567, 30.2942, 14.0695)
contains.

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Color

**XYZ(32.7150, 30.1388,
13.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	C08A5B
RGB	192, 138, 91
RGB Percent	75%, 54%, 36%
CMY	0.2471, 0.4588, 0.6431
CMYK	0.00, 0.28, 0.53, 0.25
HSL	28°, 44%, 55%
HSV	28°, 53%, 75%
XYZ	32.7150, 30.1388, 13.9906
YIQ	148.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

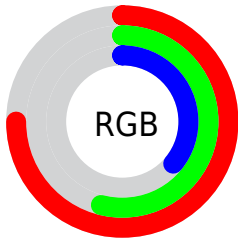
Format	Color
RYB	192, 179, 91
Decimal	12618331
CIELab	61.77, 15.18, 33.17
CIElCh	62, 36.477, 65.416
Yxy	30.1388, 0.4257, 0.3922
Android (android.graphics.Color)	4290808411 (0xFFC08A5B)
YUV	148.7880, -28.4895, 37.8969
Hunter-Lab	54.8988, 10.2978, 23.3195

Details

The XYZ color **32.7150, 30.1388, 13.9906** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.9536, 26.2793, 53.6788**, and the grayscale version is **28.5807, 30.0691, 32.7452**.

A 20% lighter version of the original color is **63.5158, 60.1615, 33.8559**, and **14.0977, 12.3955, 4.0324** is the 20% darker color. If you saturate the color by 10%, you get **30.5868, 27.0426, 9.7046**, and if you desaturate by 10%, it is **35.1958, 33.6011, 19.4400**.

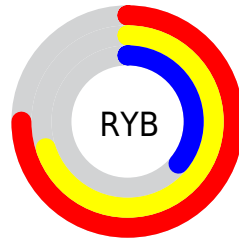
Distribution



Red (75%)

Green (54%)

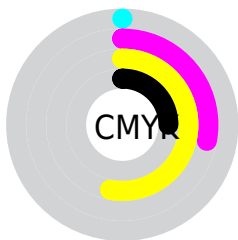
Blue (36%)



Red (75%)

Yellow (70%)

Blue (36%)

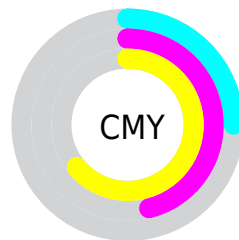


Cyan (0%)

Magenta (28%)

Yellow (53%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7150, 30.1388, 13.9906 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 32.7150, 30.1388, 13.9906 by changing the saturation by 10% instead.


 32.7150, 30.1388,
13.9906


 32.7150, 30.1388,
13.9906


306.0513,
302.5509, 228.5987

 22.0664, 19.9440,
7.9755

 63.2880, 59.8816,
33.7892

 14.0226, 12.3543,
3.9917


 83.9431, 80.1984,
48.4098

 8.2182, 6.9855,
1.6208


 108.6644,
104.6579, 66.7359

 4.2878, 3.4530,
0.3056

 137.8172,
133.6446, 89.1861

 1.8662, 1.3726,
0.0000

171.7670,
167.5429, 116.1790

 0.5571, 0.1964,
0.0000

210.8790,

 0.0000, 0.0000,

206.7371, 148.1330

0.0000

255.5187,
251.6116, 185.4667

■ 32.7150, 30.1388,
13.9906

■ 32.7150, 30.1388,
13.9906

■ 30.5868, 27.0426,
9.7046

■ 35.1958, 33.6011,
19.4400

■ 28.7885, 24.2937,
6.4921

■ 38.0454, 37.4384,
26.1301

■ 27.2981, 21.8782,
4.2527

■ 41.2816, 41.6646,
34.1334

■ 26.0886, 19.7784,
2.8653

■ 44.9202, 46.2916,
43.5163

■ 25.3401, 18.4105,
2.2180

■ 48.9759, 51.3305,
54.3408

■ 53.4629, 56.7920,
66.6648

■ 58.3945, 62.6867,
80.5433

■ 63.7834, 69.0242,
96.0284

■ 68.1921, 75.2344,
105.5353

Harmonies

Analogous

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



36.9624, 30.1388, 19.6145



32.7150, 30.1388, 13.9906



27.7724, 30.1388, 12.7235

Triad

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



32.7150, 30.1388, 13.9906



20.3089, 30.1388, 35.4092



34.4139, 30.1388, 59.8370

Complementary

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



32.7150, 30.1388, 13.9906



23.9536, 26.2793, 53.6788

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.



29.5377, 30.1388, 67.3486



32.7150, 30.1388, 13.9906



21.6812, 30.1388, 50.9106

Square

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



32.7150, 30.1388, 13.9906



20.9564, 30.1388, 22.8880



24.9293, 30.1388, 63.6896



38.0184, 30.1388, 45.2657

Rectangle

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



32.7150, 30.1388, 13.9906



24.8172, 30.1388, 14.0839



24.9293, 30.1388, 63.6896



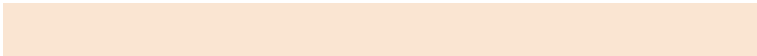
32.8497, 30.1388, 63.4342

Sweetspot

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



32.7157, 30.1403, 13.9912



78.8988, 80.7303, 72.3420



30.7105, 20.7813, 29.8117



16.6321, 16.9453, 14.7600



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.7157, 30.1403, 13.9912



54.9284, 48.2620, 16.6521



41.3861, 47.4810, 16.8813



10.4509, 10.8333, 10.6021



17.1277, 12.5412, 1.5180



0.8089, 0.6797, 0.0886

Inverse Universe

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



23.9536, 26.2793, 53.6788



37.3487, 40.4932, 96.2078



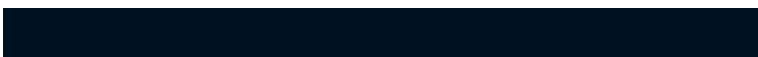
18.0164, 14.4051, 51.6997



9.9642, 10.6197, 12.8095



9.7207, 9.1980, 34.8197



0.4884, 0.5343, 1.5273

Previews

White Background



This preview shows how the XYZ color 32.7150, 30.1388, 13.9906 looks on a white background.

Color Contrast Check

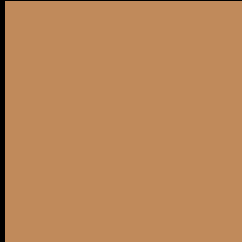
Large Text (above 18pt) WCAG AA × Fail

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 32.7150, 30.1388, 13.9906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

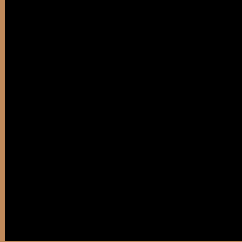
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7150, 30.1388, 13.9906

Background



This preview shows how black text looks on a background with the XYZ color 32.7150, 30.1388, 13.9906.



This preview shows how white text looks on a background with the XYZ color 32.7150, 30.1388,

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

32.7150, 30.1388, 13.9906

Protanopia

28.0762, 30.4254, 15.2194

Deuteranopia

30.7240, 30.2069, 13.8840



Tritanopia

35.8987, 30.1913, 29.5266

Trichromacy



Original Color

32.7150, 30.1388, 13.9906

Protanomaly

29.7548, 30.3646, 14.8824

Deuteranomaly

31.3779, 30.1022, 13.8294

Tritanomaly

34.6059, 30.0824, 22.7214

Monochromacy



Original Color

32.7150, 30.1388, 13.9906

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5387, 29.8086, 24.6189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7150, 30.1388, 13.9906 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(192, 138, 91)` looks like.

```
.text, #text, p{  
    color:rgb(192, 138, 91)  
}
```

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(192, 138, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 138, 91) }
```

Border

The CSS property to change the border of an element to XYZ 32.7150, 30.1388, 13.9906 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(192, 138, 91) }
```


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

```
.border{ border-color:rgb(192, 138, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 138, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 138, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 138, 91);  
box-shadow:4px 4px 4px 4px rgb(192, 138,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7150, 30.1388, 13.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 138, 91) }
```

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

```
.background{ background-color: rgb(192,  
138, 91) }
```

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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