

Converting Colors

XYZ(34.3189, 29.3544, 9.9621)

Have a look what the booklet for
XYZ(34.3189, 29.3544, 9.9621)
contains.

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Color

**XYZ(34.3292, 29.4123,
9.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8248
RGB	205, 130, 72
RGB Percent	80%, 51%, 28%
CMY	0.1961, 0.4902, 0.7176
CMYK	0.00, 0.37, 0.65, 0.20
HSL	26°, 57%, 54%
HSV	26°, 65%, 80%
XYZ	34.3292, 29.4123, 9.9987
YIQ	145.8130, 63.3180, -2.1380

Conversions

Conversions Part 2

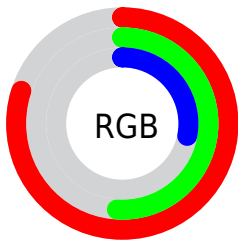
Format	Color
R_{YB}	205, 175, 72
Decimal	13468232
CIE _{Lab}	61.14, 23.56, 42.78
CIE _{LCh}	61, 48.835, 61.153
Yxy	29.4123, 0.4655, 0.3989
Android (android.graphics.Color)	4291658312 (0xFFCD8248)
YUV	145.8130, -36.3898, 51.9070
Hunter-Lab	54.2331, 18.0814, 27.0322

Details

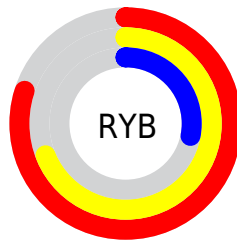
The XYZ color **34.3292, 29.4123, 9.9987** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.1250, 26.6516, 61.6301**, and the grayscale version is **27.3719, 28.7974, 31.3603**.

A 20% lighter version of the original color is **61.6863, 56.5321, 26.0729**, and **14.8876, 11.9143, 2.3792** is the 20% darker color. If you saturate the color by 10%, you get **32.3165, 26.2848, 6.5605**, and if you desaturate by 10%, it is **36.7389, 32.9775, 14.6695**.

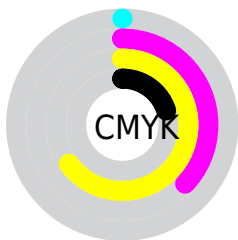
Distribution



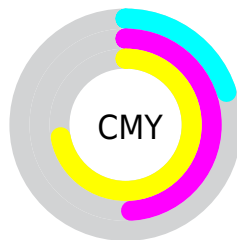
- Red (80%)
- Green (51%)
- Blue (28%)



- Red (80%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (20%)





- Cyan (20%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3292, 29.4123, 9.9987 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 34.3292, 29.4123, 9.9987 by changing the saturation by 10% instead.


 34.3292, 29.4123,
9.9987


 34.3292, 29.4123,
9.9987

313.1576,
299.1554, 201.1473


 23.3107, 19.3929,
5.2925


 65.7862, 58.7315,
26.4008


 14.9450, 11.9545,
2.3582


 86.9554, 78.8002,
38.9338


 8.8669, 6.7127,
0.7635


 112.2388,
102.9873, 54.9129

 4.7109, 3.2831,
0.0000

 142.0019,
131.6775, 74.7565

 2.1116, 1.2813,
0.0000

 176.6100,
165.2550, 98.8832

 0.6955, 0.1266,
0.0000

216.4284,

 0.0000, 0.0000,

204.1042, 127.7115

0.0000

261.8225,
248.6095, 161.6600

■ 34.3292, 29.4123,
9.9987

■ 34.3292, 29.4123,
9.9987

■ 32.3165, 26.2848,
6.5605

■ 36.7389, 32.9775,
14.6695

■ 30.6700, 23.5699,
4.2294

■ 39.5691, 36.9946,
20.6785

■ 29.3561, 21.2457,
2.8553

■ 42.8433, 41.4828,
28.1214

■ 28.7830, 20.1916,
2.3803

■ 46.5827, 46.4584,
37.0848

■ 50.8068, 51.9368,
47.6483

■ 55.5340, 57.9329,
59.8859

■ 60.7817, 64.4606,
73.8670

■ 66.5664, 71.5335,
89.6569

■ 72.6609, 79.0675,
106.0397

Harmonies

Analogous

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



39.8767, 29.4123, 17.0231



34.3292, 29.4123, 9.9987



27.7084, 29.4123, 8.1193

Triad

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



34.3292, 29.4123, 9.9987



17.3607, 29.4123, 32.7400



34.8238, 29.4123, 72.6921

Complementary

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



34.3292, 29.4123, 9.9987



24.1250, 26.6516, 61.6301

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.



28.2041, 29.4123, 81.8236



34.3292, 29.4123, 9.9987



18.6840, 29.4123, 53.9593

Square

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



34.3292, 29.4123, 9.9987



18.4952, 29.4123, 17.8426



22.4240, 29.4123, 73.9249



40.1915, 29.4123, 52.2373

Rectangle

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



34.3292, 29.4123, 9.9987



23.7422, 29.4123, 9.1060



22.4240, 29.4123, 73.9249



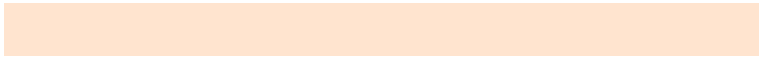
32.6399, 29.4123, 77.4743

Sweetspot

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



34.3299, 29.4138, 9.9992



80.1031, 81.0541, 70.1666



32.7895, 19.7322, 29.8356



16.7205, 16.7968, 13.9595



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.



34.3299, 29.4138, 9.9992



51.7556, 41.1452, 8.9682



46.1164, 52.9869, 13.9281



11.6081, 12.0052, 11.7848



18.0096, 12.7521, 1.5122



1.0041, 0.8079, 0.1030

Inverse Universe

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



24.1250, 26.6516, 61.6301



33.7361, 36.1628, 99.8098



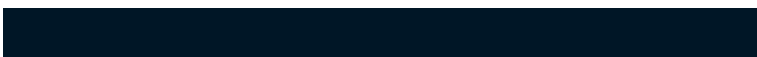
16.6247, 11.6509, 59.1300



11.1178, 11.8760, 14.2767



10.8150, 10.6540, 37.4427



0.6326, 0.6990, 1.9565

Previews

White Background



This preview shows how the XYZ color 34.3292, 29.4123, 9.9987 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3292, 29.4123, 9.9987 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 × Fail

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

XYZ 34.3292, 29.4123, 9.9987

Background



This preview shows how black text looks on a background with the XYZ color 34.3292, 29.4123, 9.9987.



This preview shows how white text looks on a background with the XYZ color 34.3292, 29.4123,

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

34.3292, 29.4123, 9.9987

Protanopia

27.0693, 29.5164, 11.4783

Deuteranopia

30.1275, 29.5467, 9.7454



Tritanopia

37.5423, 29.3872, 25.5234

Trichromacy



Original Color

34.3292, 29.4123, 9.9987

Protanomaly

29.1895, 29.0365, 10.9036

Deuteranomaly

31.5370, 29.4099, 9.8088

Tritanomaly

36.2878, 29.4574, 18.5251

Monochromacy



Original Color

34.3292, 29.4123, 9.9987

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6442, 28.3036, 21.4062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3292, 29.4123, 9.9987 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(205, 130, 72)` looks like.

```
.text, #text, p{  
    color:rgb(205, 130, 72)  
}
```

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(205, 130, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 130, 72) }
```

Border

The CSS property to change the border of an element to XYZ 34.3292, 29.4123, 9.9987 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(205, 130, 72) }
```


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

```
.border{ border-color:rgb(205, 130, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 130, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 130, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 130, 72);  
box-shadow:4px 4px 4px 4px rgb(205, 130,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3292, 29.4123, 9.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 130, 72) }
```

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

```
.background{ background-color: rgb(205,  
130, 72) }
```

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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