

Converting Colors

XYZ(34.4113, 32.6236, 13.0417)

Have a look what the booklet for
XYZ(34.4113, 32.6236, 13.0417)
contains.

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Color

**XYZ(34.2708, 32.5088,
13.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	C39155
RGB	195, 145, 85
RGB Percent	76%, 57%, 33%
CMY	0.2353, 0.4314, 0.6667
CMYK	0.00, 0.26, 0.56, 0.24
HSL	33°, 48%, 55%
HSV	33°, 56%, 76%
XYZ	34.2708, 32.5088, 13.0629
YIQ	153.1100, 49.0600, -8.0600

Conversions

Conversions Part 2

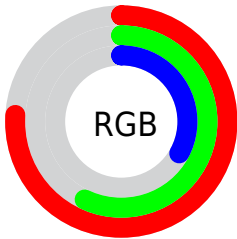
Format	Color
RYB	177, 195, 85
Decimal	12816725
CIELab	63.76, 12.08, 38.88
CIELCh	64, 40.711, 72.742
Yxy	32.5088, 0.4292, 0.4072
Android (android.graphics.Color)	4291006805 (0xFFC39155)
YUV	153.1100, -33.5782, 36.7375
Hunter-Lab	57.0165, 7.5118, 26.3278

Details

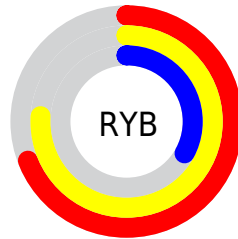
The XYZ color **34.2708, 32.5088, 13.0629** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **22.2602, 23.1984, 54.9341**, and the grayscale version is **30.4536, 32.0396, 34.8911**.

A 20% lighter version of the original color is **65.7404, 63.6953, 32.1221**, and **14.9074, 13.7213, 3.6130** is the 20% darker color. If you saturate the color by 10%, you get **32.2986, 29.6380, 9.0960**, and if you desaturate by 10%, it is **36.5637, 35.6795, 18.1904**.

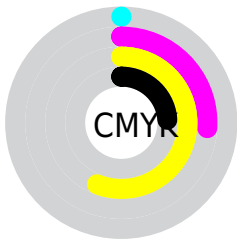
Distribution



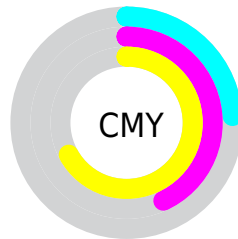
- Red (76%)
- Green (57%)
- Blue (33%)



- Red (69%)
- Yellow (76%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (24%)





- Cyan (24%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2708, 32.5088, 13.0629 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 34.2708, 32.5088, 13.0629 by changing the saturation by 10% instead.


 34.2708, 32.5088,
13.0629


 34.2708, 32.5088,
13.0629


312.9026,
313.4305, 222.5424


 23.2656, 21.7504,
7.3406


 65.6961, 63.6079,
32.1096


 14.9115, 13.6736,
3.5944


 86.8468, 84.7174,
46.2711


 8.8432, 7.8940,
1.4056


 112.1101,
110.0460, 64.0827

 4.6953, 4.0272,
0.1461

 141.8514,
139.9782, 85.9631

 2.1025, 1.6888,
0.0000

 176.4359,
174.8984, 112.3307

 0.6906, 0.4164,
0.0000

216.2290,

 0.0000, 0.0000,

215.1909, 143.6041

0.0000

261.5961,
261.2401, 180.2018

■ 34.2708, 32.5088,
13.0629

■ 34.2708, 32.5088,
13.0629

■ 32.2986, 29.6380,
9.0960

■ 36.5637, 35.6795,
18.1904

■ 30.6243, 27.0504,
6.1921

■ 39.1933, 39.1563,
24.5616

■ 29.2254, 24.7342,
4.2408

■ 42.1769, 42.9511,
32.2538

■ 28.0719, 22.6733,
3.0979

■ 45.5302, 47.0736,
41.3376

■ 27.6980, 21.9869,
2.7841

■ 49.2674, 51.5330,
51.8785

■ 53.4022, 56.3379,
63.9378

■ 57.9474, 61.4967,
77.5734

■ 62.9153, 67.0175,
92.8400

■ 67.4188, 72.5485,
105.0577

Harmonies

Analogous

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



39.6814, 32.5088, 18.0603



34.2708, 32.5088, 13.0629



28.5402, 32.5088, 12.7359

Triad

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



34.2708, 32.5088, 13.0629



21.3813, 32.5088, 42.7931



38.9634, 32.5088, 63.8672

Complementary

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



34.2708, 32.5088, 13.0629



22.2602, 23.1984, 54.9341

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.



33.3836, 32.5088, 75.7646



34.2708, 32.5088, 13.0629



23.5180, 32.5088, 61.3067

Square

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



34.2708, 32.5088, 13.0629



21.5568, 32.5088, 26.8655



27.7553, 32.5088, 74.7050



42.6113, 32.5088, 45.5658

Rectangle

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



34.2708, 32.5088, 13.0629



25.3339, 32.5088, 14.9926



27.7553, 32.5088, 74.7050



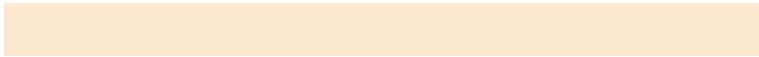
37.2239, 32.5088, 68.9686

Sweetspot

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



34.2716, 32.5104, 13.0635



81.0060, 83.6558, 72.5462



30.2220, 19.8864, 25.6629



17.4604, 17.9799, 15.1206



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.



34.2716, 32.5104, 13.0635



57.0039, 51.8079, 14.7377



42.7245, 50.8056, 16.1493



10.5183, 10.9679, 10.6245



18.0873, 14.4603, 1.8378



0.8497, 0.7611, 0.1021

Inverse Universe

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



22.2602, 23.1984, 54.9341



33.3819, 33.5265, 97.1816



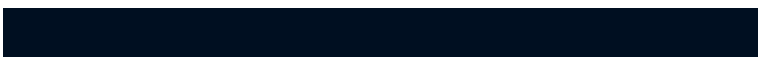
17.1870, 12.5449, 53.1451



9.8969, 10.4852, 12.7870



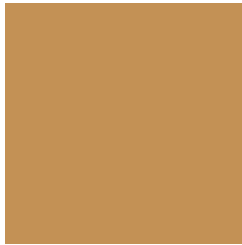
8.7858, 7.3281, 34.5080



0.4484, 0.4542, 1.5139

Previews

White Background



This preview shows how the XYZ color 34.2708, 32.5088, 13.0629 looks on a white background.

Color Contrast Check

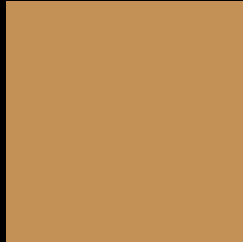
Large Text (above 18pt) WCAG AA × Fail

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 34.2708, 32.5088, 13.0629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

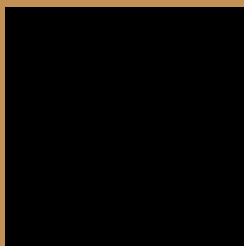
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2708, 32.5088, 13.0629

Background



This preview shows how black text looks on a background with the XYZ color 34.2708, 32.5088, 13.0629.



This preview shows how white text looks on a background with the XYZ color 34.2708, 32.5088,

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

34.2708, 32.5088, 13.0629

Protanopia

30.0604, 32.6933, 13.9586

Deuteranopia

33.1764, 32.6387, 12.9388



Tritanopia

38.2532, 32.5944, 32.2922

Trichromacy



Original Color

34.2708, 32.5088, 13.0629

Protanomaly

31.3773, 32.4050, 13.6179

Deuteranomaly

33.5198, 32.5839, 12.9101

Tritanomaly

36.5153, 32.5362, 23.7576

Monochromacy



Original Color

34.2708, 32.5088, 13.0629

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9511, 31.6960, 24.9087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2708, 32.5088, 13.0629 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(195, 145, 85)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 85)  
}
```

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(195, 145, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 85) }
```

Border

The CSS property to change the border of an element to XYZ 34.2708, 32.5088, 13.0629 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(195, 145, 85) }
```


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

```
.border{ border-color:rgb(195, 145, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 145, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 85);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2708, 32.5088, 13.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 85) }
```

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

```
.background{ background-color: rgb(195,  
145, 85) }
```

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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