

Converting Colors

XYZ(32.5193, 32.2908, 13.3229)

Have a look what the booklet for
XYZ(32.5193, 32.2908, 13.3229)
contains.

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Color

**XYZ(32.5193, 32.2908,
13.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9456
RGB	186, 148, 86
RGB Percent	73%, 58%, 34%
CMY	0.2706, 0.4196, 0.6627
CMYK	0.00, 0.20, 0.54, 0.27
HSL	37°, 42%, 53%
HSV	37°, 54%, 73%
XYZ	32.5193, 32.2908, 13.3229
YIQ	152.2940, 42.5500, -11.2260

Conversions

Conversions Part 2

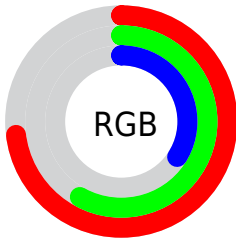
Format	Color
RYB	147, 186, 86
Decimal	12227670
CIELab	63.58, 6.68, 37.92
CIElCh	64, 38.504, 80.011
Yxy	32.2908, 0.4162, 0.4133
Android (android.graphics.Color)	4290417750 (0xFFBA9456)
YUV	152.2940, -32.6829, 29.5602
Hunter-Lab	56.8250, 2.7066, 25.8767

Details

The XYZ color **32.5193, 32.2908, 13.3229** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.9080, 19.9381, 49.2533**, and the grayscale version is **30.0968, 31.6642, 34.4823**.

A 20% lighter version of the original color is **62.9441, 63.2803, 32.5637**, and **13.9235, 13.6211, 3.7290** is the 20% darker color. If you saturate the color by 10%, you get **30.7905, 29.8806, 9.5183**, and if you desaturate by 10%, it is **34.5123, 34.9175, 18.1783**.

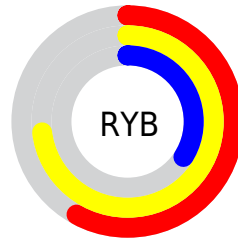
Distribution



Red (73%)

Green (58%)

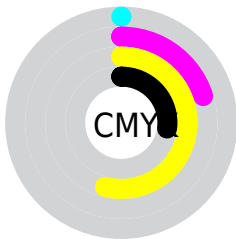
Blue (34%)



Red (58%)

Yellow (73%)

Blue (34%)

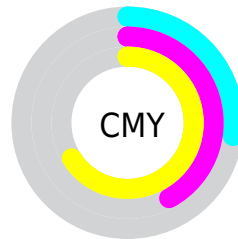


Cyan (0%)

Magenta (20%)

Yellow (54%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5193, 32.2908, 13.3229 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 32.5193, 32.2908, 13.3229 by changing the saturation by 10% instead.


 32.5193, 32.2908,
13.3229


 32.5193, 32.2908,
13.3229

305.1815,
312.4418, 224.2569

 21.9159, 21.5837,
7.5179

 62.9840, 63.2667,
32.5823

 13.9114, 13.5513,
3.7048


 83.5761, 84.3043,
46.8739


 8.1404, 7.8093,
1.4648


 108.2284,
109.5542, 64.8314

 4.2374, 3.9732,
0.1915

 137.3064,
139.4008, 86.8733

 1.8373, 1.6586,
0.0000

 171.1753,
174.2284, 113.4183

 0.5400, 0.3966,
0.0000

210.2005,

 0.0000, 0.0000,

214.4215, 144.8849

0.0000

254.7475,
260.3645, 181.6916

■ 32.5193, 32.2908,
13.3229

■ 32.5193, 32.2908,
13.3229

■ 30.7905, 29.8806,
9.5183

■ 34.5123, 34.9175,
18.1783

■ 29.3070, 27.6736,
6.6808

■ 36.7823, 37.7639,
24.1557

■ 28.0506, 25.6619,
4.7167

■ 39.3436, 40.8389,
31.3223

■ 26.9984, 23.8343,
3.5127

■ 42.2090, 44.1492,
39.7392

■ 26.4178, 22.7755,
3.0037

■ 45.3903, 47.7015,
49.4637

■ 48.8986, 51.5017,
60.5490

■ 52.7446, 55.5559,
73.0459

■ 56.9382, 59.8696,
87.0020

■ 61.4892, 64.4483,
102.4631

Harmonies

Analogous

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



37.8238, 32.2908, 17.0078



32.5193, 32.2908, 13.3229



27.2889, 32.2908, 14.0360

Triad

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



32.5193, 32.2908, 13.3229



21.9685, 32.2908, 46.2917



39.3103, 32.2908, 57.8172

Complementary

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



32.5193, 32.2908, 13.3229



19.9080, 19.9381, 49.2533

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.



34.3657, 32.2908, 70.9491



32.5193, 32.2908, 13.3229



24.5173, 32.2908, 63.0621

Square

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



32.5193, 32.2908, 13.3229



21.5967, 32.2908, 30.2708



28.9334, 32.2908, 73.1077



42.0365, 32.2908, 40.5474

Rectangle

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



32.5193, 32.2908, 13.3229



24.5147, 32.2908, 17.0122



28.9334, 32.2908, 73.1077



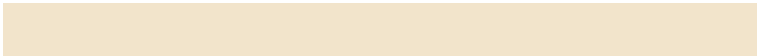
37.8273, 32.2908, 63.0514

Sweetspot

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



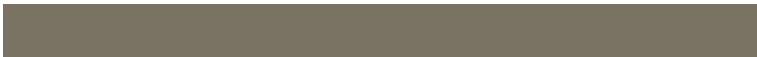
32.5201, 32.2924, 13.3235



75.1542, 78.4814, 67.9939



27.2368, 18.5586, 21.3265



16.3100, 17.0069, 14.2635



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.5201, 32.2924, 13.3235



55.1495, 53.2028, 15.9126



36.7685, 44.8265, 15.5190



9.4558, 9.9145, 9.5222



17.8473, 15.4709, 2.0455



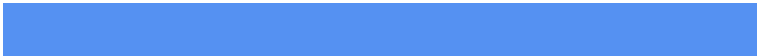
0.6868, 0.6608, 0.0913

Inverse Universe

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



19.9080, 19.9381, 49.2533



29.8585, 28.4808, 88.1250



17.1921, 12.7793, 48.0147



8.7933, 9.2638, 11.4041



7.5319, 5.5235, 31.9222



0.3260, 0.3156, 1.1455

Previews

White Background



This preview shows how the XYZ color 32.5193, 32.2908, 13.3229 looks on a white background.

Color Contrast Check

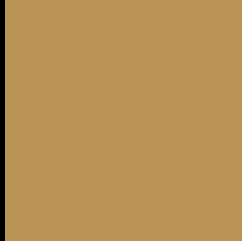
Large Text (above 18pt) WCAG AA × Fail

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 32.5193, 32.2908, 13.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

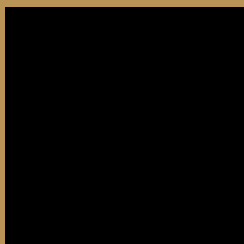
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5193, 32.2908, 13.3229

Background



This preview shows how black text looks on a background with the XYZ color 32.5193, 32.2908, 13.3229.



This preview shows how white text looks on a background with the XYZ color 32.5193, 32.2908,

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

32.5193, 32.2908, 13.3229

Protanopia

29.6792, 32.2508, 13.8933

Deuteranopia

32.8525, 32.2307, 13.2937



Tritanopia

36.7022, 32.1970, 33.5584

Trichromacy



Original Color

32.5193, 32.2908, 13.3229

Protanomaly

30.6277, 32.2586, 13.6291

Deuteranomaly

32.6069, 32.1041, 13.2822

Tritanomaly

34.8884, 32.1244, 24.4405

Monochromacy



Original Color

32.5193, 32.2908, 13.3229

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2727, 31.5842, 24.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5193, 32.2908, 13.3229 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(186, 148, 86)` looks like.

```
.text, #text, p{  
    color:rgb(186, 148, 86)  
}
```

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(186, 148, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 148, 86) }
```

Border

The CSS property to change the border of an element to XYZ 32.5193, 32.2908, 13.3229 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(186, 148, 86) }
```


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

```
.border{ border-color:rgb(186, 148, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 148, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 148, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 148, 86);  
box-shadow:4px 4px 4px 4px rgb(186, 148,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5193, 32.2908, 13.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 148, 86) }
```

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

```
.background{ background-color: rgb(186,  
148, 86) }
```

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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