

Converting Colors

XYZ(32.5329, 33.7710, 14.5965)

Have a look what the booklet for
XYZ(32.5329, 33.7710, 14.5965)
contains.

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Color

**XYZ(32.5000, 33.6903,
14.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A5B
RGB	181, 154, 91
RGB Percent	71%, 60%, 36%
CMY	0.2902, 0.3961, 0.6431
CMYK	0.00, 0.15, 0.50, 0.29
HSL	42°, 38%, 53%
HSV	42°, 50%, 71%
XYZ	32.5000, 33.6903, 14.6875
YIQ	154.8910, 36.3150, -13.8690

Conversions

Conversions Part 2

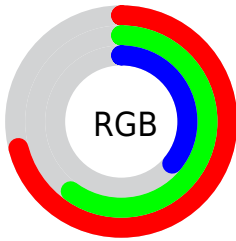
Format	Color
RYB	130, 181, 91
Decimal	11901531
CIELab	64.72, 1.72, 36.59
CIElCh	65, 36.635, 87.303
Yxy	33.6903, 0.4018, 0.4166
Android (android.graphics.Color)	4290091611 (0xFFB59A5B)
YUV	154.8910, -31.4983, 22.8976
Hunter-Lab	58.0433, -1.6290, 25.6274

Details

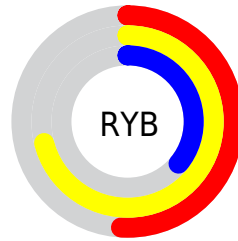
The XYZ color **32.5000, 33.6903, 14.6875** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.1331, 18.5166, 46.2816**, and the grayscale version is **31.2319, 32.8584, 35.7828**.

A 20% lighter version of the original color is **63.0350, 65.4155, 34.8953**, and **13.8905, 14.3105, 4.3156** is the 20% darker color. If you saturate the color by 10%, you get **30.9358, 31.6643, 10.7676**, and if you desaturate by 10%, it is **34.2947, 35.8758, 19.6140**.

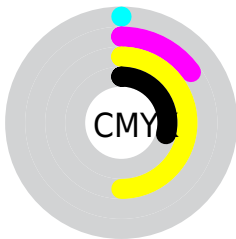
Distribution



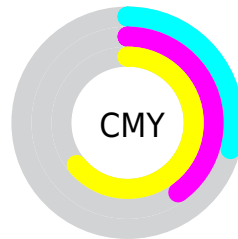
- Red (71%)
- Green (60%)
- Blue (36%)



- Red (51%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5000, 33.6903, 14.6875 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 32.5000, 33.6903, 14.6875 by changing the saturation by 10% instead.


 32.5000, 33.6903,
14.6875


 32.5000, 33.6903,
14.6875


305.0956,
318.7489, 233.0421


 21.9011, 22.6558,
8.4562


 62.9540, 65.4518,
35.0385


 13.9004, 14.3395,
4.2963


 83.5399, 86.9475,
49.9953

 8.1327, 8.3572,
1.7892


 108.1854,
112.6991, 68.6977

 4.2325, 4.3244,
0.4208

 137.2559,
143.0910, 91.5642

 1.8345, 1.8566,
0.0000

171.1169,
178.5075, 119.0133

 0.5383, 0.5221,
0.0000

210.1336,

 0.0000, 0.0000,

219.3331, 151.4637

0.0000

254.6714,
265.9521, 189.3338

■ 32.5000, 33.6903,
14.6875

■ 32.5000, 33.6903,
14.6875

■ 30.9358, 31.6643,
10.7676

■ 34.2947, 35.8758,
19.6140

■ 29.5853, 29.7866,
7.7797

■ 36.3304, 38.2222,
25.6105

■ 28.4333, 28.0514,
5.6417

■ 38.6197, 40.7365,
32.7377

■ 27.4606, 26.4503,
4.2565

■ 41.1737, 43.4240,
41.0510

■ 26.6300, 24.9672,
3.4300

■ 44.0026, 46.2895,
50.6021

■ 26.6078, 24.9273,
3.4091

■ 47.1161, 49.3378,
61.4398

■ 50.5234, 52.5731,
73.6100

■ 54.2333, 55.9999,
87.1566

■ 58.2542, 59.6222,
102.1214

Harmonies

Analogous

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



37.8027, 33.6903, 17.3057



32.5000, 33.6903, 14.6875



27.6022, 33.6903, 16.4926

Triad

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



32.5000, 33.6903, 14.6875



23.8479, 33.6903, 51.6404



41.3108, 33.6903, 54.6635

Complementary

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



32.5000, 33.6903, 14.6875



19.1331, 18.5166, 46.2816

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.



36.8892, 33.6903, 68.9168



32.5000, 33.6903, 14.6875



26.8622, 33.6903, 66.8619

Square

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



32.5000, 33.6903, 14.6875



22.9429, 33.6903, 35.3365



31.5480, 33.6903, 73.8972



43.2259, 33.6903, 38.0632

Rectangle

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



32.5000, 33.6903, 14.6875



25.1478, 33.6903, 20.3360



31.5480, 33.6903, 73.8972



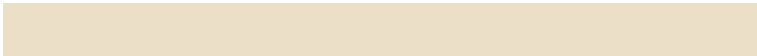
40.0461, 33.6903, 60.0439

Sweetspot

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



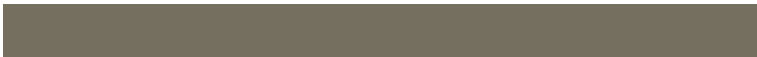
32.5008, 33.6919, 14.6882



71.1532, 75.0721, 65.0229



26.0674, 18.6143, 19.3590



15.1772, 16.0123, 13.4020



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.5008, 33.6919, 14.6882



55.0752, 56.2653, 18.5096



33.5165, 41.5896, 16.1591



8.9776, 9.4677, 9.0068



18.4058, 17.3101, 2.3711



0.6272, 0.6409, 0.0906

Inverse Universe

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



19.1331, 18.5166, 46.2816



28.3501, 25.9718, 81.8135



18.3886, 14.0700, 45.4625



8.2429, 8.6320, 10.7380



6.7226, 4.2455, 30.6021



0.2639, 0.2384, 0.9803

Previews

White Background



This preview shows how the XYZ color 32.5000, 33.6903, 14.6875 looks on a white background.

Color Contrast Check

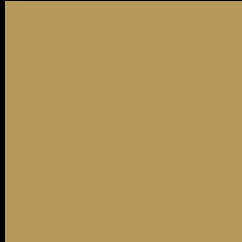
Large Text (above 18pt) WCAG AA × Fail

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 32.5000, 33.6903, 14.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

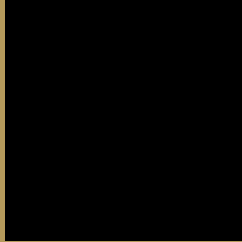
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5000, 33.6903, 14.6875

Background



This preview shows how black text looks on a background with the XYZ color 32.5000, 33.6903, 14.6875.



This preview shows how white text looks on a background with the XYZ color 32.5000, 33.6903,

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

32.5000, 33.6903, 14.6875

Protanopia

31.0020, 33.6573, 14.9877

Deuteranopia

34.3240, 33.6618, 14.8135



Tritanopia

36.8582, 33.5569, 36.4328

Trichromacy



Original Color

32.5000, 33.6903, 14.6875

Protanomaly

31.4994, 33.6636, 14.9627

Deuteranomaly

33.4919, 33.4707, 14.8205

Tritanomaly

34.9887, 33.5026, 26.8129

Monochromacy



Original Color

32.5000, 33.6903, 14.6875

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.1960, 33.0011, 26.5554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5000, 33.6903, 14.6875 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(181, 154, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 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(181, 154, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 91) }
```

Border

The CSS property to change the border of an element to XYZ 32.5000, 33.6903, 14.6875 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(181, 154, 91) }
```


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

```
.border{ border-color:rgb(181, 154, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 154, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5000, 33.6903, 14.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 91) }
```

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

```
.background{ background-color: rgb(181,  
154, 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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