

Converting Colors

XYZ(32.1101, 31.3874, 11.0667)

Have a look what the booklet for
XYZ(32.1101, 31.3874, 11.0667)
contains.

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Color

**XYZ(32.1344, 31.4502,
11.0334)**

Conversions

Conversions Part 1

Format	Color
Hex	BC914B
RGB	188, 145, 75
RGB Percent	74%, 57%, 29%
CMY	0.2627, 0.4314, 0.7059
CMYK	0.00, 0.23, 0.60, 0.26
HSL	37°, 46%, 52%
HSV	37°, 60%, 74%
XYZ	32.1344, 31.4502, 11.0334
YIQ	149.8770, 48.0980, -12.6540

Conversions

Conversions Part 2

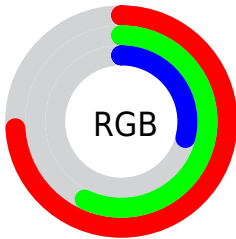
Format	Color
RYB	144, 188, 75
Decimal	12357963
CIELab	62.89, 8.30, 42.77
CIElCh	63, 43.565, 79.022
Yxy	31.4502, 0.4307, 0.4215
Android (android.graphics.Color)	4290548043 (0xFFBC914B)
YUV	149.8770, -36.9144, 33.4339
Hunter-Lab	56.0805, 4.1406, 27.5915

Details

The XYZ color **32.1344, 31.4502, 11.0334** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4568, 18.0826, 50.0941**, and the grayscale version is **29.0753, 30.5895, 33.3119**.

A 20% lighter version of the original color is **62.5471, 62.1274, 28.4339**, and **13.7944, 13.1645, 2.7912** is the 20% darker color. If you saturate the color by 10%, you get **30.5249, 29.1134, 7.7779**, and if you desaturate by 10%, it is **34.0043, 34.0038, 15.3143**.

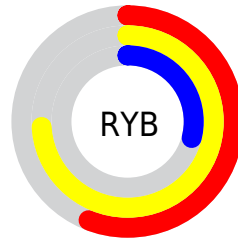
Distribution



Red (74%)

Green (57%)

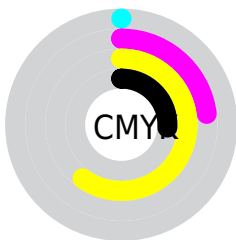
Blue (29%)



Red (56%)

Yellow (74%)

Blue (29%)

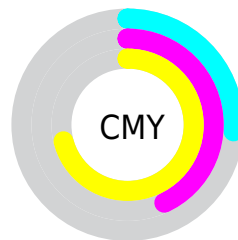


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1344, 31.4502, 11.0334 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 32.1344, 31.4502, 11.0334 by changing the saturation by 10% instead.


 32.1344, 31.4502,
11.0334


 32.1344, 31.4502,
11.0334


303.4655,
308.6071, 208.6422

 21.6202, 20.9419,
5.9749


 62.3855, 61.9482,
28.3595

 13.6931, 13.0815,
2.7613


 82.8531, 82.7066,
41.4641


 7.9878, 7.4847,
0.9741


 107.3693,
107.6506, 58.0879

 4.1389, 3.7670,
0.0000

 136.2993,
137.1645, 78.6493

 1.7810, 1.5441,
0.0000

 170.0086,
171.6327, 103.5669

 0.5062, 0.3195,
0.0000

208.8625,

 0.0000, 0.0000,

211.4396, 133.2592

0.0000

253.2263,
256.9696, 168.1448

■ 32.1344, 31.4502,
11.0334

■ 32.1344, 31.4502,
11.0334

■ 30.5249, 29.1134,
7.7779

■ 34.0043, 34.0038,
15.3143

■ 29.1551, 26.9793,
5.4544

■ 36.1489, 36.7781,
20.6991

■ 28.0039, 25.0387,
3.9554

■ 38.5837, 39.7826,
27.2609

■ 27.0384, 23.2903,
3.0704

■ 41.3224, 43.0244,
35.0659

■ 44.3778, 46.5106,
44.1753

■ 47.7616, 50.2475,
54.6462

■ 51.4850, 54.2416,
66.5324

■ 55.5589, 58.4986,
79.8846

■ 59.9932, 63.0244,
94.7511

Harmonies

Analogous

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



38.0780, 31.4502, 14.9246



32.1344, 31.4502, 11.0334



26.3019, 31.4502, 11.6044

Triad

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



32.1344, 31.4502, 11.0334



20.2927, 31.4502, 46.1273



39.4328, 31.4502, 60.6727

Complementary

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



32.1344, 31.4502, 11.0334



18.4568, 18.0826, 50.0941

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.



33.7958, 31.4502, 75.7241



32.1344, 31.4502, 11.0334



22.9731, 31.4502, 65.5779

Square

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



32.1344, 31.4502, 11.0334



19.9722, 31.4502, 28.3518



27.7573, 31.4502, 77.7699



42.6501, 31.4502, 40.9005

Rectangle

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



32.1344, 31.4502, 11.0334



23.2263, 31.4502, 14.5132



27.7573, 31.4502, 77.7699



37.7258, 31.4502, 66.6982

Sweetspot

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



32.1351, 31.4517, 11.0340



75.8509, 79.0868, 66.3632



26.5440, 17.0392, 19.1285



15.9811, 16.6241, 13.3058



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.



32.1351, 31.4517, 11.0340



54.5146, 51.5368, 12.6307



36.8911, 45.5669, 13.5079



10.0090, 10.4940, 10.0746



18.4828, 16.0043, 2.1150



0.7852, 0.7494, 0.1033

Inverse Universe

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



18.4568, 18.0826, 50.0941



27.6218, 25.3268, 89.6589



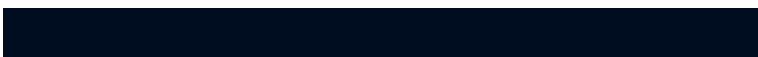
15.6352, 10.7469, 48.8269



9.3060, 9.8044, 12.0742



7.8042, 5.7200, 33.0857



0.3693, 0.3512, 1.3172

Previews

White Background



This preview shows how the XYZ color 32.1344, 31.4502, 11.0334 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 32.1344, 31.4502, 11.0334 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 32.1344, 31.4502, 11.0334

Background



This preview shows how black text looks on a background with the XYZ color 32.1344, 31.4502, 11.0334.



This preview shows how white text looks on a background with the XYZ color 32.1344, 31.4502,

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

32.1344, 31.4502, 11.0334

Protanopia

28.8792, 31.6431, 11.6068

Deuteranopia

32.1344, 31.4502, 11.0334



Tritanopia

36.4603, 31.4672, 31.7559

Trichromacy



Original Color

32.1344, 31.4502, 11.0334

Protanomaly

29.8900, 31.4485, 11.3323

Deuteranomaly

32.1344, 31.4502, 11.0334

Tritanomaly

34.5675, 31.3431, 22.3171

Monochromacy



Original Color

32.1344, 31.4502, 11.0334

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4749, 30.5024, 23.0729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1344, 31.4502, 11.0334 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(188, 145, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 75)  
}
```

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(188, 145, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 75) }
```

Border

The CSS property to change the border of an element to XYZ 32.1344, 31.4502, 11.0334 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(188, 145, 75) }
```


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

```
.border{ border-color:rgb(188, 145, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1344, 31.4502, 11.0334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 75) }
```

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

```
.background{ background-color: rgb(188,  
145, 75) }
```

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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