

Converting Colors

XYZ(32.8539, 29.2115, 19.2947)

Have a look what the booklet for
XYZ(32.8539, 29.2115, 19.2947)
contains.

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Color

**XYZ(32.9356, 29.2964,
19.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8670
RGB	191, 134, 112
RGB Percent	75%, 53%, 44%
CMY	0.2510, 0.4745, 0.5608
CMYK	0.00, 0.30, 0.41, 0.25
HSL	17°, 38%, 59%
HSV	17°, 41%, 75%
XYZ	32.9356, 29.2964, 19.2481
YIQ	148.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

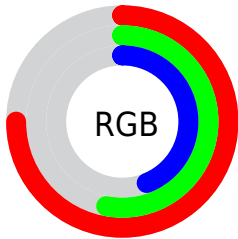
Format	Color
R_{YB}	191, 142, 112
Decimal	12551792
CIE _{Lab}	61.04, 19.11, 20.59
CIE _{LCh}	61, 28.091, 47.122
Yxy	29.2964, 0.4042, 0.3596
Android (android.graphics.Color)	4290741872 (0xFFBF8670)
YUV	148.5350, -18.0118, 37.2418
Hunter-Lab	54.1261, 13.8960, 16.8039

Details

The XYZ color **32.9356, 29.2964, 19.2481** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.2735, 35.5809, 54.5625**, and the grayscale version is **28.4336, 29.9143, 32.5767**.

A 20% lighter version of the original color is **63.5381, 58.3607, 43.0379**, and **14.0874, 11.8617, 6.3975** is the 20% darker color. If you saturate the color by 10%, you get **30.2008, 25.3521, 13.6347**, and if you desaturate by 10%, it is **36.1457, 33.8302, 26.1335**.

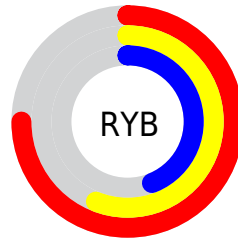
Distribution



Red (75%)

Green (53%)

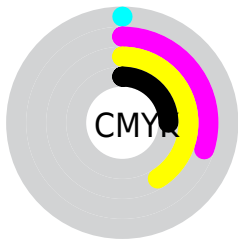
Blue (44%)



Red (75%)

Yellow (56%)

Blue (44%)

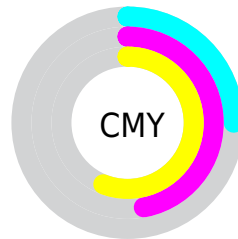


Cyan (0%)

Magenta (30%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9356, 29.2964, 19.2481 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 32.9356, 29.2964, 19.2481 by changing the saturation by 10% instead.


 32.9356, 29.2964,
19.2481


 32.9356, 29.2964,
19.2481


307.0296,
298.6109, 260.2832

 22.2361, 19.3052,
11.6711


 63.6303, 58.5477,
42.9952


 14.1481, 11.8910,
6.4003


 84.3563, 78.5765,
60.0023

 8.3061, 6.6695,
3.0173


 109.1551,
102.7200, 80.9899

 4.3449, 3.2563,
1.1035

 138.3921,
131.3625, 106.3764

 1.8990, 1.2669,
0.0000

172.4327,
164.8884, 136.5805

 0.5763, 0.1154,
0.0000

211.6423,

 0.0000, 0.0000,

203.6822, 172.0206

0.0000

256.3861,
248.1283, 213.1153

■ 32.9356, 29.2964,
19.2481

■ 32.9356, 29.2964,
19.2481

■ 30.2008, 25.3521,
13.6347

■ 36.1457, 33.8302,
26.1335

■ 27.9152, 21.9681,
9.2125

■ 39.8509, 38.9725,
34.3612

■ 26.0533, 19.1194,
5.8942

■ 44.0728, 44.7467,
43.9986

■ 24.5859, 16.7767,
3.5797

■ 48.8308, 51.1735,
55.1078

■ 23.4795, 14.9079,
2.1501

■ 54.1433, 58.2730,
67.7474

■ 22.7681, 13.6408,
1.4329

■ 60.0277, 66.0639,
81.9726

■ 66.5010, 74.5647,
97.8359

■ 71.9603, 83.1453,
106.8637

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



35.1592, 29.2964, 26.3038



32.9356, 29.2964, 19.2481



29.4501, 29.2964, 15.9580

Triad

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



32.9356, 29.2964, 19.2481



21.5092, 29.2964, 27.5977



29.9780, 29.2964, 55.4115

Complementary

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



32.9356, 29.2964, 19.2481



30.2735, 35.5809, 54.5625

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.



26.3000, 29.2964, 55.9740



32.9356, 29.2964, 19.2481



21.6234, 29.2964, 38.2357

Square

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



32.9356, 29.2964, 19.2481



22.9814, 29.2964, 20.0149



23.3086, 29.2964, 49.1460



33.3513, 29.2964, 47.7456

Rectangle

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



32.9356, 29.2964, 19.2481



26.9783, 29.2964, 15.7366



23.3086, 29.2964, 49.1460



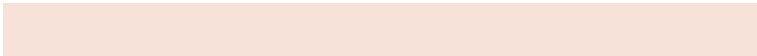
28.7307, 29.2964, 56.4889

Sweetspot

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



32.9363, 29.2978, 19.2487



78.2716, 79.2400, 77.2716



34.5296, 25.5647, 41.1119



16.9587, 17.0886, 16.4409



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.9363, 29.2978, 19.2487



54.3467, 45.7805, 24.9333



39.2712, 41.9676, 21.3603



9.7407, 9.9574, 9.9852



15.0223, 9.0833, 0.9615



0.6456, 0.4702, 0.0567

Inverse Universe

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



30.2735, 35.5809, 54.5625



48.8776, 58.5373, 97.0018



24.1267, 23.2874, 52.5135



9.5778, 10.3480, 12.1648



12.2047, 14.5211, 34.5525



0.5305, 0.6736, 1.3709

Previews

White Background



This preview shows how the XYZ color 32.9356, 29.2964, 19.2481 looks on a white background.

Color Contrast Check

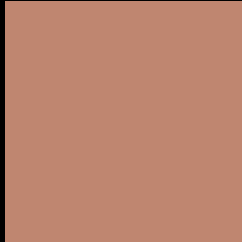
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9356, 29.2964, 19.2481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

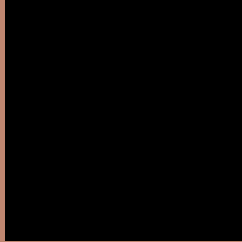
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9356, 29.2964, 19.2481

Background



This preview shows how black text looks on a background with the XYZ color 32.9356, 29.2964, 19.2481.



This preview shows how white text looks on a background with the XYZ color 32.9356, 29.2964,

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

32.9356, 29.2964, 19.2481

Protanopia

27.6084, 29.3435, 21.3483

Deuteranopia

29.9978, 29.4924, 19.1505



Tritanopia

34.9644, 29.3280, 28.6290

Trichromacy



Original Color

32.9356, 29.2964, 19.2481

Protanomaly

29.1876, 29.0420, 20.5903

Deuteranomaly

30.9243, 29.3162, 19.0676

Tritanomaly

34.1379, 29.1818, 24.9525

Monochromacy



Original Color

32.9356, 29.2964, 19.2481

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7270, 29.6166, 27.4423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9356, 29.2964, 19.2481 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(191, 134, 112)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 112)  
}
```

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(191, 134, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 112) }
```

Border

The CSS property to change the border of an element to XYZ 32.9356, 29.2964, 19.2481 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(191, 134, 112) }
```


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

```
.border{ border-color:rgb(191, 134, 112) }
```

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

Here you see how a box with a 4 pixel rgb(191, 134, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 112);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9356, 29.2964, 19.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 134, 112) }
```

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

```
.background{ background-color: rgb(191,  
134, 112) }
```

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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