

Converting Colors

XYZ(32.8662, 34.2119, 10.8325)

Have a look what the booklet for
XYZ(32.8662, 34.2119, 10.8325)
contains.

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Color

**XYZ(32.8663, 34.2119,
10.8326)**

Conversions

Conversions Part 1

Format	Color
Hex	B99B47
RGB	185, 155, 71
RGB Percent	73%, 61%, 28%
CMY	0.2745, 0.3921, 0.7216
CMYK	0.00, 0.16, 0.62, 0.27
HSL	44°, 45%, 50%
HSV	44°, 62%, 73%
XYZ	32.8663, 34.2119, 10.8326
YIQ	154.3940, 44.8440, -19.7640

Conversions

Conversions Part 2

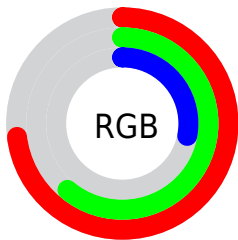
Format	Color
RYB	112, 185, 71
Decimal	12163911
CIELab	65.13, 1.25, 47.21
CIELCh	65, 47.223, 88.488
Yxy	34.2119, 0.4218, 0.4391
Android (android.graphics.Color)	4290353991 (0xFFB99B47)
YUV	154.3940, -41.1132, 26.8415
Hunter-Lab	58.4909, -2.0593, 29.9631

Details

The XYZ color **32.8663, 34.2119, 10.8326** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **16.0091, 14.1494, 47.7861**, and the grayscale version is **31.0506, 32.6677, 35.5751**.

A 20% lighter version of the original color is **63.2755, 66.0608, 27.8284**, and **14.1211, 14.6148, 2.6928** is the 20% darker color. If you saturate the color by 10%, you get **31.5670, 32.4232, 7.9030**, and if you desaturate by 10%, it is **34.3806, 36.1415, 14.7262**.

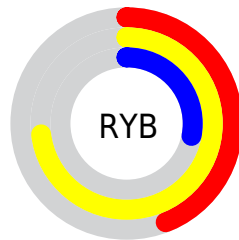
Distribution



Red (73%)

Green (61%)

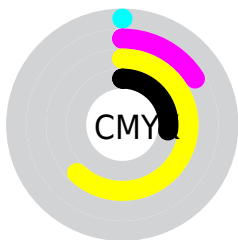
Blue (28%)



Red (44%)

Yellow (73%)

Blue (28%)

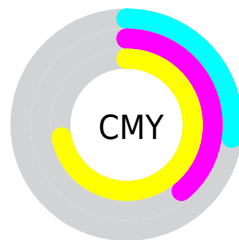


Cyan (0%)

Magenta (16%)

Yellow (62%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8663, 34.2119, 10.8326 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 32.8663, 34.2119, 10.8326 by changing the saturation by 10% instead.


 32.8663, 34.2119,
10.8326


 32.8663, 34.2119,
10.8326


306.7225,
321.0759, 207.2115


 22.1828, 23.0564,
5.8416


 63.5228, 66.2631,
27.9821


 14.1086, 14.6352,
2.6818


 84.2265, 87.9275,
40.9777


 8.2785, 8.5638,
0.9342


 109.0010,
113.8638, 57.4786

 4.3269, 4.4577,
0.0000

 138.2116,
144.4563, 77.9034

 1.8887, 1.9328,
0.0000

 172.2237,
180.0893, 102.6705

 0.5703, 0.5680,
0.0000

211.4027,

 0.0000, 0.0000,

221.1473, 132.1985

0.0000

256.1138,
268.0147, 166.9060

■ 32.8663, 34.2119,
10.8326

■ 32.8663, 34.2119,
10.8326

■ 31.5670, 32.4232,
7.9030

■ 34.3806, 36.1415,
14.7262

■ 30.4629, 30.7630,
5.8459

■ 36.1228, 38.2137,
19.6602

■ 29.5343, 29.2240,
4.5551

■ 38.1073, 40.4363,
25.7057

■ 28.8572, 28.0136,
3.8862

■ 40.3467, 42.8149,
32.9267

■ 42.8525, 45.3547,
41.3827

■ 45.6357, 48.0605,
51.1287

■ 48.7063, 50.9371,
62.2168

■ 52.0739, 53.9887,
74.6958

■ 55.7479, 57.2195,
88.6125

Harmonies

Analogous

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



39.9003, 34.2119, 13.4562



32.8663, 34.2119, 10.8326



26.6301, 34.2119, 12.9574

Triad

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



32.8663, 34.2119, 10.8326



22.2589, 34.2119, 58.2990



45.0906, 34.2119, 60.6548

Complementary

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



32.8663, 34.2119, 10.8326



16.0091, 14.1494, 47.7861

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.



39.2141, 34.2119, 81.2228



32.8663, 34.2119, 10.8326



26.1065, 34.2119, 79.5600

Square

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



32.8663, 34.2119, 10.8326



21.0463, 34.2119, 36.2641



32.1709, 34.2119, 89.1251



47.5439, 34.2119, 38.2556

Rectangle

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



32.8663, 34.2119, 10.8326



23.6168, 34.2119, 17.4235



32.1709, 34.2119, 89.1251



43.4129, 34.2119, 68.2684

Sweetspot

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



32.8671, 34.2135, 10.8333



73.6995, 78.1618, 63.7581



24.6297, 15.7686, 14.1609



15.6175, 16.5720, 12.8440



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.8671, 34.2135, 10.8333



55.7880, 56.9766, 12.6611



32.6658, 42.4626, 12.4361



9.5448, 10.0926, 9.5519



19.7111, 19.1985, 2.6668



0.7424, 0.7718, 0.1099

Inverse Universe

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



16.0091, 14.1494, 47.7861



23.1585, 18.2440, 84.5055



16.0045, 10.5842, 47.0982



8.7082, 9.0936, 11.3757



6.7532, 3.9660, 31.6627



0.2903, 0.2443, 1.1336

Previews

White Background



This preview shows how the XYZ color 32.8663, 34.2119, 10.8326 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 32.8663, 34.2119, 10.8326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

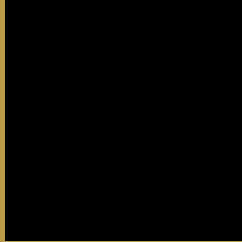
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8663, 34.2119, 10.8326

Background



This preview shows how black text looks on a background with the XYZ color 32.8663, 34.2119, 10.8326.



This preview shows how white text looks on a background with the XYZ color 32.8663, 34.2119,

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

32.8663, 34.2119, 10.8326

Protanopia

31.3011, 34.1517, 11.0731

Deuteranopia

35.0013, 34.3369, 10.9138



Tritanopia

38.1029, 34.1986, 36.4910

Trichromacy



Original Color

32.8663, 34.2119, 10.8326

Protanomaly

31.8171, 34.1655, 11.0486

Deuteranomaly

34.1362, 34.1308, 10.9196

Tritanomaly

35.4996, 33.8201, 24.3956

Monochromacy



Original Color

32.8663, 34.2119, 10.8326

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7107, 32.5658, 23.7360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8663, 34.2119, 10.8326 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(185, 155, 71)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 71)  
}
```

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(185, 155, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 71) }
```

Border

The CSS property to change the border of an element to XYZ 32.8663, 34.2119, 10.8326 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(185, 155, 71) }
```


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

```
.border{ border-color:rgb(185, 155, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 155, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 155, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 155, 71);  
box-shadow:4px 4px 4px 4px rgb(185, 155,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8663, 34.2119, 10.8326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 71) }
```

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

```
.background{ background-color: rgb(185,  
155, 71) }
```

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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