

Converting Colors

XYZ(35.9491, 35.4088, 21.5484)

Have a look what the booklet for
XYZ(35.9491, 35.4088, 21.5484)
contains.

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Color

**XYZ(35.9432, 35.3193,
21.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9A74
RGB	190, 154, 116
RGB Percent	75%, 60%, 45%
CMY	0.2549, 0.3961, 0.5451
CMYK	0.00, 0.19, 0.39, 0.25
HSL	31°, 36%, 60%
HSV	31°, 39%, 75%
XYZ	35.9432, 35.3193, 21.4459
YIQ	160.4320, 33.6540, -4.1860

Conversions

Conversions Part 2

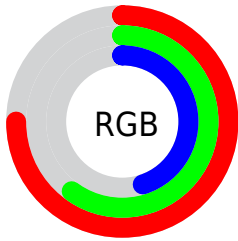
Format	Color
RYB	186, 190, 116
Decimal	12491380
CIELab	66.00, 8.14, 25.01
CIElCh	66, 26.299, 71.970
Yxy	35.3193, 0.3877, 0.3810
Android (android.graphics.Color)	4290681460 (0xFFBE9A74)
YUV	160.4320, -21.9050, 25.9311
Hunter-Lab	59.4300, 3.9540, 20.2057

Details

The XYZ color **35.9432, 35.3193, 21.4459** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7246, 29.8862, 53.0226**, and the grayscale version is **33.7010, 35.4561, 38.6117**.

A 20% lighter version of the original color is **67.9815, 67.7131, 46.5327**, and **15.8550, 15.2566, 7.4194** is the 20% darker color. If you saturate the color by 10%, you get **33.4821, 31.9886, 15.7193**, and if you desaturate by 10%, it is **38.7496, 38.9787, 28.4035**.

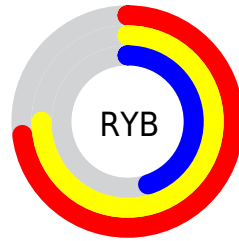
Distribution



Red (75%)

Green (60%)

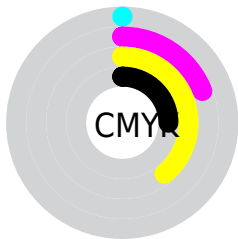
Blue (45%)



Red (73%)

Yellow (75%)

Blue (45%)

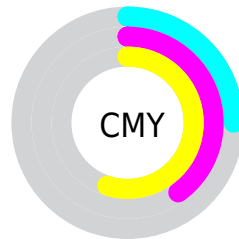


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9432, 35.3193, 21.4459 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 35.9432, 35.3193, 21.4459 by changing the saturation by 10% instead.


 35.9432, 35.3193,
21.4459


 35.9432, 35.3193,
21.4459


320.1478,
325.9755, 272.4973


 24.5602, 23.9089,
13.2559


 68.2688, 67.9801,
46.7188

 15.8767, 15.2661,
7.4722


 89.9422, 89.9994,
64.6389

 9.5272, 9.0063,
3.6762


 115.7764,
116.3237, 86.6394

 5.1465, 4.7453,
1.4495

146.1369,
147.3375, 113.1388

 2.3691, 2.0986,
0.1799

181.3889,
183.4252, 144.5558

 0.8297, 0.6639,
0.0000

221.8978,

 0.0000, 0.0000,

224.9712, 181.3089

0.0000

268.0290,
272.3598, 223.8165

■ 35.9432, 35.3193,
21.4459

■ 35.9432, 35.3193,
21.4459

■ 33.4821, 31.9886,
15.7193

■ 38.7496, 38.9787,
28.4035

■ 31.3472, 28.9708,
11.1478

■ 41.9139, 42.9719,
36.6578

■ 29.5212, 26.2559,
7.6498


■ 45.4512, 47.3103,
46.2722

■ 27.9837, 23.8314,
5.1326


■ 49.3748, 52.0031,
57.3053


■ 26.7114, 21.6830,
3.4869


■ 53.6976, 57.0589,
69.8123


 25.6657, 19.7905,
2.5247

 58.4313, 62.4864,
83.8454

 25.5635, 19.6038,
2.4366

 63.5877, 68.2935,
99.4543

 67.0127, 73.6222,
105.2863

 69.6228, 78.8424,
106.1563

Harmonies

Analogous

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



39.4555, 35.3193, 25.8157



35.9432, 35.3193, 21.4459



32.0396, 35.3193, 21.0505

Triad

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



35.9432, 35.3193, 21.4459



26.7597, 35.3193, 43.0819



38.8349, 35.3193, 56.7221

Complementary

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



35.9432, 35.3193, 21.4459



27.7246, 29.8862, 53.0226

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.



35.1483, 35.3193, 63.5043



35.9432, 35.3193, 21.4459



28.3009, 35.3193, 54.6687

Square

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



35.9432, 35.3193, 21.4459



26.9364, 35.3193, 32.1891



31.3035, 35.3193, 62.6875



41.2119, 35.3193, 45.4892

Rectangle

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



35.9432, 35.3193, 21.4459



29.7564, 35.3193, 22.9722



31.3035, 35.3193, 62.6875



37.6961, 35.3193, 59.6876

Sweetspot

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



35.9441, 35.3210, 21.4466



80.2067, 83.1103, 77.9167



33.2306, 25.7382, 33.3538



17.4244, 18.0201, 16.5962



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.



35.9441, 35.3210, 21.4466



61.1718, 58.6537, 29.6039



42.8011, 49.0351, 23.7323



9.9244, 10.3248, 10.0464



17.0772, 13.1932, 1.6465



0.7342, 0.6473, 0.0863

Inverse Universe

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



27.7246, 29.8862, 53.0226



44.1250, 47.3850, 95.0997



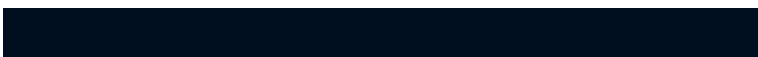
22.7425, 19.9219, 51.3619



9.3892, 9.9708, 12.1019



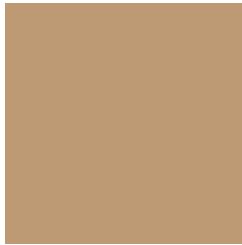
8.8274, 7.7665, 33.4267



0.4113, 0.4352, 1.3312

Previews

White Background



This preview shows how the XYZ color 35.9432, 35.3193, 21.4459 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 35.9432, 35.3193, 21.4459 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 35.9432, 35.3193, 21.4459

Background



This preview shows how black text looks on a background with the XYZ color 35.9432, 35.3193, 21.4459.



This preview shows how white text looks on a background with the XYZ color 35.9432, 35.3193,

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

35.9432, 35.3193, 21.4459

Protanopia

32.9138, 35.2442, 22.5208

Deuteranopia

35.9432, 35.3193, 21.4459



Tritanopia

39.1832, 35.1872, 37.9843

Trichromacy



Original Color

35.9432, 35.3193, 21.4459

Protanomaly

34.0873, 35.3454, 22.1653

Deuteranomaly

35.9432, 35.3193, 21.4459

Tritanomaly

37.9327, 35.1638, 31.1736

Monochromacy



Original Color

35.9432, 35.3193, 21.4459

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0555, 35.1253, 31.3705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9432, 35.3193, 21.4459 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(190, 154, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 116)  
}
```

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(190, 154, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 116) }
```

Border

The CSS property to change the border of an element to XYZ 35.9432, 35.3193, 21.4459 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(190, 154, 116) }
```


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

```
.border{ border-color:rgb(190, 154, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9432, 35.3193, 21.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 116) }
```

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

```
.background{ background-color: rgb(190,  
154, 116) }
```

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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