

Converting Colors

XYZ(32.6461, 33.6727, 21.8429)

Have a look what the booklet for
XYZ(32.6461, 33.6727, 21.8429)
contains.

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Color

**XYZ(32.5048, 33.5332,
21.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9A76
RGB	175, 154, 118
RGB Percent	69%, 60%, 46%
CMY	0.3137, 0.3961, 0.5372
CMYK	0.00, 0.12, 0.33, 0.31
HSL	38°, 26%, 57%
HSV	38°, 33%, 69%
XYZ	32.5048, 33.5332, 21.8989
YIQ	156.1750, 24.0720, -6.7440

Conversions

Conversions Part 2

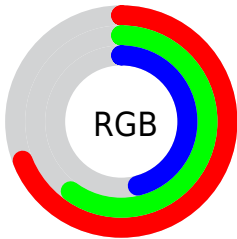
Format	Color
RYB	151, 175, 118
Decimal	11508342
CIELab	64.59, 2.28, 21.77
CIElCh	65, 21.889, 84.014
Yxy	33.5332, 0.3696, 0.3813
Android (android.graphics.Color)	4289698422 (0xFFAF9A76)
YUV	156.1750, -18.8203, 16.5095
Hunter-Lab	57.9079, -1.1433, 18.1139

Details

The XYZ color **32.5048, 33.5332, 21.8989** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.4414, 25.4111, 44.1740**, and the grayscale version is **31.7527, 33.4063, 36.3795**.

A 20% lighter version of the original color is **62.7666, 65.0030, 47.2689**, and **13.9505, 14.2677, 7.6489** is the 20% darker color. If you saturate the color by 10%, you get **30.5246, 31.0854, 16.5755**, and if you desaturate by 10%, it is **34.7369, 36.1756, 28.2589**.

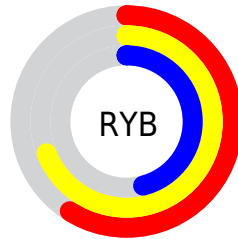
Distribution



Red (69%)

Green (60%)

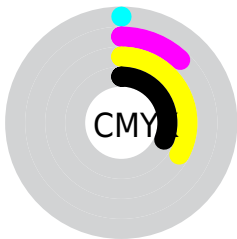
Blue (46%)



Red (59%)

Yellow (69%)

Blue (46%)

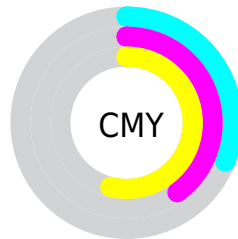


Cyan (0%)

Magenta (12%)

Yellow (33%)

Black (31%)



Cyan (31%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5048, 33.5332, 21.8989 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 32.5048, 33.5332, 21.8989 by changing the saturation by 10% instead.

■ 32.5048, 33.5332,
21.8989

■ 32.5048, 33.5332,
21.8989

305.1170,
318.0456, 274.9541

■ 21.9048, 22.5352,
13.5850

■ 62.9615, 65.2071,
47.4789

■ 13.9032, 14.2507,
7.6972

■ 83.5489, 86.6518,
65.5821

■ 8.1346, 8.2952,
3.8168

■ 108.1961,
112.3475, 87.7855

■ 4.2337, 4.2844,
1.5254

137.2685,
142.6787, 114.5076

■ 1.8352, 1.8339,
0.2367

171.1314,
178.0297, 146.1670

■ 0.5387, 0.5082,
0.0000

210.1502,

■ 0.0000, 0.0000,

218.7849, 183.1821

0.0000

254.6903,
265.3287, 225.9717

■ 32.5048, 33.5332,
21.8989

■ 32.5048, 33.5332,
21.8989

■ 30.5246, 31.0854,
16.5755

■ 34.7369, 36.1756,
28.2589

■ 28.7821, 28.8215,
12.2300

■ 37.2289, 39.0136,
35.7058

■ 27.2654, 26.7365,
8.8011


■ 39.9918, 42.0541,
44.2888


■ 25.9607, 24.8233,
6.2196


■ 43.0351, 45.3022,
54.0537


■ 24.8518, 23.0740,
4.4060


■ 46.3677, 48.7629,
65.0438

 23.9201, 21.4795,
3.2660

 49.9982, 52.4408,
77.2999

 23.3135, 20.3825,
2.7055

 53.9347, 56.3405,
90.8612

 57.6979, 60.2714,
103.2003

 59.2775, 63.4306,
103.7268

Harmonies

Analogous

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



35.5453, 33.5332, 24.2537



32.5048, 33.5332, 21.8989



29.4827, 33.5332, 22.9093

Triad

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



32.5048, 33.5332, 21.8989



26.6794, 33.5332, 43.9940



37.0004, 33.5332, 47.6186

Complementary

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



32.5048, 33.5332, 21.8989



24.4414, 25.4111, 44.1740

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.



34.3877, 33.5332, 54.6508



32.5048, 33.5332, 21.8989



28.4615, 33.5332, 52.3297

Square

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



32.5048, 33.5332, 21.8989



26.2477, 33.5332, 34.7418



31.2481, 33.5332, 56.5025



38.2479, 33.5332, 38.3413

Rectangle

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



32.5048, 33.5332, 21.8989



27.8665, 33.5332, 25.4551



31.2481, 33.5332, 56.5025



36.2447, 33.5332, 50.3807

Sweetspot

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



32.5057, 33.5347, 21.8996



67.8173, 71.1442, 67.4451



28.8804, 23.9602, 27.8559



14.9266, 15.6496, 14.5407



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5057, 33.5347, 21.8996



55.6513, 56.9089, 32.2633



34.8232, 40.3313, 23.0893



8.4109, 8.8266, 8.4738



16.7558, 14.7170, 1.9575



0.5160, 0.5092, 0.0711

Inverse Universe

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



24.4414, 25.4111, 44.1740



38.9832, 40.1259, 78.3273



22.6231, 20.3861, 43.3000



7.8115, 8.2223, 10.1281



6.9275, 4.9888, 29.6423



0.2459, 0.2452, 0.8423

Previews

White Background



This preview shows how the XYZ color 32.5048, 33.5332, 21.8989 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 32.5048, 33.5332, 21.8989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

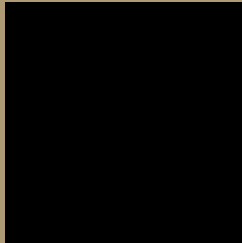
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5048, 33.5332, 21.8989

Background



This preview shows how black text looks on a background with the XYZ color 32.5048, 33.5332, 21.8989.



This preview shows how white text looks on a background with the XYZ color 32.5048, 33.5332,

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

32.5048, 33.5332, 21.8989

Protanopia

31.5352, 33.7707, 22.3091

Deuteranopia

34.0033, 33.3349, 22.0949



Tritanopia

35.7575, 33.4212, 37.8240

Trichromacy



Original Color

32.5048, 33.5332, 21.8989

Protanomaly

32.0128, 33.7668, 22.2831

Deuteranomaly

33.4524, 33.2889, 22.1150

Tritanomaly

34.3773, 33.3220, 31.4080

Monochromacy



Original Color

32.5048, 33.5332, 21.8989

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.7081, 33.1822, 30.3248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5048, 33.5332, 21.8989 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(175, 154, 118)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 118)  
}
```

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(175, 154, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 118) }
```

Border

The CSS property to change the border of an element to XYZ 32.5048, 33.5332, 21.8989 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(175, 154, 118) }
```


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

```
.border{ border-color:rgb(175, 154, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 154, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 118);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5048, 33.5332, 21.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 118) }
```

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

```
.background{ background-color: rgb(175,  
154, 118) }
```

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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