

Converting Colors

XYZ(32.8890, 33.0722, 25.3797)

Have a look what the booklet for
XYZ(32.8890, 33.0722, 25.3797)
contains.

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Color

**XYZ(32.8699, 33.1554,
25.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9881
RGB	175, 152, 129
RGB Percent	69%, 60%, 51%
CMY	0.3137, 0.4039, 0.4941
CMYK	0.00, 0.13, 0.26, 0.31
HSL	30°, 22%, 60%
HSV	30°, 26%, 69%
XYZ	32.8699, 33.1554, 25.4361
YIQ	156.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

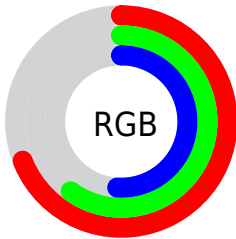
Format	Color
RYB	175, 175, 129
Decimal	11507841
CIELab	64.29, 4.90, 15.25
CIELCh	64, 16.016, 72.198
Yxy	33.1554, 0.3594, 0.3625
Android (android.graphics.Color)	4289697921 (0xFFAF9881)
YUV	156.2550, -13.4367, 16.4394
Hunter-Lab	57.5807, 1.1303, 14.1153

Details

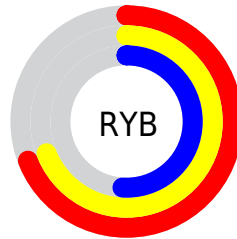
The XYZ color **32.8699, 33.1554, 25.4361** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0192, 30.2180, 44.9135**, and the grayscale version is **31.7661, 33.4204, 36.3948**.

A 20% lighter version of the original color is **63.4698, 64.5089, 53.3622**, and **14.1277, 14.0241, 9.5517** is the 20% darker color. If you saturate the color by 10%, you get **30.4371, 29.9946, 19.3694**, and if you desaturate by 10%, it is **35.6085, 36.6085, 32.5884**.

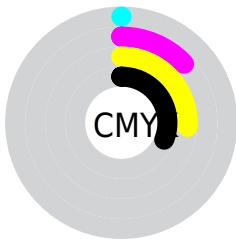
Distribution



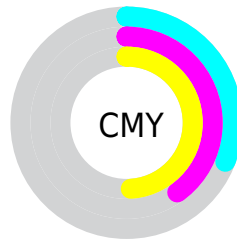
- Red (69%)
- Green (60%)
- Blue (51%)



- Red (69%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8699, 33.1554, 25.4361 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 32.8699, 33.1554, 25.4361 by changing the saturation by 10% instead.


 32.8699, 33.1554,
25.4361


 32.8699, 33.1554,
25.4361


306.7385,
316.3494, 293.5197


 22.1856, 22.2455,
16.1803

 63.5284, 64.6181,
53.3367

 14.1107, 14.0374,
9.4961


 84.2333, 85.9396,
72.8186

 8.2799, 8.1467,
4.9649


 109.0090,
111.5006, 96.5462

 4.3279, 4.1890,
2.1683

138.2210,
141.6853, 124.9381

 1.8892, 1.7798,
0.6560

172.2346,
176.8781, 158.4129

 0.5706, 0.4745,
0.0000

211.4151,

 0.0000, 0.0000,

217.4635, 197.3891

0.0000

256.1280,
263.8258, 242.2852

■ 32.8699, 33.1554,
25.4361

■ 32.8699, 33.1554,
25.4361

■ 30.4371, 29.9946,
19.3694

■ 35.6085, 36.6085,
32.5884

■ 28.2951, 27.1129,
14.3320

■ 38.6618, 40.3574,
40.8747

■ 26.4313, 24.5028,
10.2656

■ 42.0416, 44.4114,
50.3427

■ 24.8311, 22.1546,
7.1054

■ 45.7584, 48.7779,
61.0371

■ 23.4785, 20.0579,
4.7781

■ 49.8220, 53.4640,
72.9999

■ 22.3547, 18.2010,
3.1991

■ 54.2419, 58.4768,
86.2714

■ 21.4358, 16.5701,
2.2552

■ 59.0271, 63.8227,
100.8899

■ 21.1292, 16.0138,
1.9773

■ 61.8489, 68.5733,
104.5839

■ 64.2332, 73.3419,
105.3787

Harmonies

Analogous

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



34.8670, 33.1554, 28.3211



32.8699, 33.1554, 25.4361



30.5978, 33.1554, 25.1858

Triad

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



32.8699, 33.1554, 25.4361



27.4272, 33.1554, 38.8134



34.5444, 33.1554, 46.2020

Complementary

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



32.8699, 33.1554, 25.4361



28.0192, 30.2180, 44.9135

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.



32.4467, 33.1554, 49.7855



32.8699, 33.1554, 25.4361



28.3817, 33.1554, 45.1882

Square

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



32.8699, 33.1554, 25.4361



27.5283, 33.1554, 32.4035



30.1944, 33.1554, 49.3936



35.8653, 33.1554, 40.0687

Rectangle

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



32.8699, 33.1554, 25.4361



29.2389, 33.1554, 26.5014



30.1944, 33.1554, 49.3936



33.9025, 33.1554, 47.7761

Sweetspot

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



32.8708, 33.1569, 25.4368



68.1845, 70.9932, 70.2973



31.1973, 27.0819, 33.2892



14.9695, 15.5528, 15.1175



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.



32.8708, 33.1569, 25.4368



56.0759, 55.7730, 38.5242



36.9719, 41.3591, 26.8038



8.3237, 8.6522, 8.4447



15.1928, 11.5911, 1.4366



0.4774, 0.4320, 0.0582

Inverse Universe

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



28.0192, 30.2180, 44.9135



45.7975, 49.5469, 79.7866



24.6418, 23.4633, 43.7878



7.8973, 8.3939, 10.1566



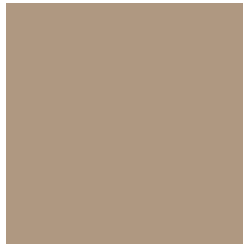
8.0719, 7.2777, 30.0238



0.2793, 0.3120, 0.8535

Previews

White Background



This preview shows how the XYZ color 32.8699, 33.1554, 25.4361 looks on a white background.

Color Contrast Check

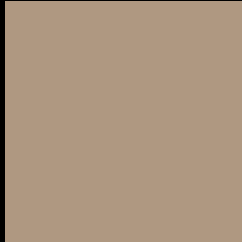
Large Text (above 18pt) WCAG AA × Fail

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 32.8699, 33.1554, 25.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

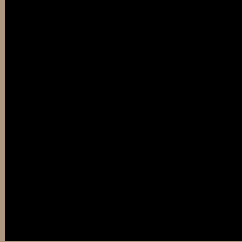
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8699, 33.1554, 25.4361

Background



This preview shows how black text looks on a background with the XYZ color 32.8699, 33.1554, 25.4361.



This preview shows how white text looks on a background with the XYZ color 32.8699, 33.1554,

25.4361.

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

32.8699, 33.1554, 25.4361

Protanopia

31.2950, 33.3081, 26.2524

Deuteranopia

33.6912, 33.1010, 25.3823



Tritanopia

35.4383, 33.2667, 37.3542

Trichromacy



Original Color

32.8699, 33.1554, 25.4361

Protanomaly

31.8991, 33.3792, 25.8807

Deuteranomaly

33.3892, 33.1832, 25.4141

Tritanomaly

34.4528, 33.0980, 32.5897

Monochromacy



Original Color

32.8699, 33.1554, 25.4361

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0139, 33.3045, 31.9352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8699, 33.1554, 25.4361 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, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 129)  
}
```

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, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.8699, 33.1554, 25.4361 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, 152, 129) }
```


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

```
.border{ border-color:rgb(175, 152, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8699, 33.1554, 25.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 129) }
```

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

```
.background{ background-color: rgb(175,  
152, 129) }
```

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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