

Converting Colors

XYZ(34.6087, 33.3146, 25.7239)

Have a look what the booklet for
XYZ(34.6087, 33.3146, 25.7239)
contains.

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Color

**XYZ(34.5439, 33.2969,
25.7254)**

Conversions

Conversions Part 1

Format	Color
Hex	B89582
RGB	184, 149, 130
RGB Percent	72%, 58%, 51%
CMY	0.2784, 0.4157, 0.4902
CMYK	0.00, 0.19, 0.29, 0.28
HSL	21°, 28%, 62%
HSV	21°, 29%, 72%
XYZ	34.5439, 33.2969, 25.7254
YIQ	157.2990, 26.9590, 1.5110

Conversions

Conversions Part 2

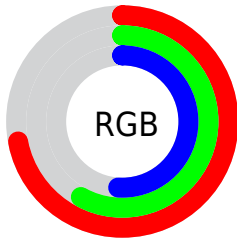
Format	Color
RYB	184, 159, 130
Decimal	12096898
CIELab	64.40, 10.26, 14.98
CIELCh	64, 18.160, 55.581
Yxy	33.2969, 0.3692, 0.3559
Android (android.graphics.Color)	4290286978 (0xFFB89582)
YUV	157.2990, -13.4584, 23.4168
Hunter-Lab	57.7035, 5.8771, 13.9597

Details

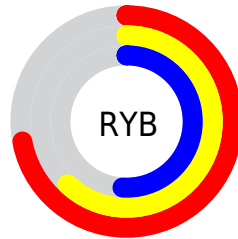
The XYZ color **34.5439, 33.2969, 25.7254** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3125, 35.1159, 50.4754**, and the grayscale version is **32.2334, 33.9121, 36.9302**.

A 20% lighter version of the original color is **66.1788, 64.8315, 53.8255**, and **15.0588, 14.0753, 9.7077** is the 20% darker color. If you saturate the color by 10%, you get **31.6267, 29.2654, 19.1950**, and if you desaturate by 10%, it is **37.8769, 37.8063, 33.4848**.

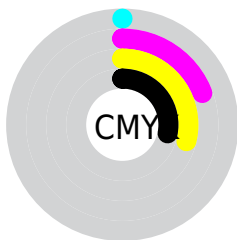
Distribution



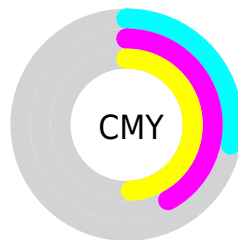
- Red (72%)
- Green (58%)
- Blue (51%)



- Red (72%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5439, 33.2969, 25.7254 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 34.5439, 33.2969, 25.7254 by changing the saturation by 10% instead.


 34.5439, 33.2969,
25.7254


 34.5439, 33.2969,
25.7254


314.0939,
316.9855, 294.9939


 23.4766, 22.3540,
16.3944


 66.1173, 64.8388,
53.8103

 15.0685, 14.1172,
9.6463


 87.3541, 86.2065,
73.4012

 8.9541, 8.2022,
5.0626


 112.7114,
111.8181, 97.2492

 4.7681, 4.2246,
2.2246

142.5547,
142.0577, 125.7728

 2.1452, 1.8000,
0.6885

177.2492,
177.3099, 159.3905

 0.7136, 0.4872,
0.0000

217.1604,

 0.0000, 0.0000,

217.9589, 198.5209

0.0000

262.6535,
264.3893, 243.5825

■ 34.5439, 33.2969,
25.7254

■ 34.5439, 33.2969,
25.7254

■ 31.6267, 29.2654,
19.1950

■ 37.8769, 37.8063,
33.4848

■ 29.1052, 25.6908,
13.8275

■ 41.6396, 42.8043,
42.5304

■ 26.9613, 22.5573,
9.5540

■ 45.8482, 48.3071,
52.9183

■ 25.1743, 19.8466,
6.2970

■ 50.5176, 54.3289,
64.7004

■ 23.7213, 17.5386,
3.9689

■ 55.6617, 60.8832,
77.9263

■ 22.5759, 15.6113,
2.4667

■ 61.2938, 67.9828,
92.6427

■ 21.6948, 14.0349,
1.6000

■ 66.8086, 75.3931,
105.6389

■ 21.6434, 13.9427,
1.5505

■ 70.2893, 82.3544,
106.7991

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

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



36.3505, 33.2969, 30.4439



34.5439, 33.2969, 25.7254



32.0326, 33.2969, 23.8235

Triad

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



34.5439, 33.2969, 25.7254



26.9421, 33.2969, 35.1679



33.8448, 33.2969, 50.6844

Complementary

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



34.5439, 33.2969, 25.7254



31.3125, 35.1159, 50.4754

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.



31.2659, 33.2969, 52.3967



34.5439, 33.2969, 25.7254



27.3691, 33.2969, 42.7614

Square

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



34.5439, 33.2969, 25.7254



27.7185, 33.2969, 28.7827



28.9181, 33.2969, 49.3243



35.9317, 33.2969, 44.9193

Rectangle

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



34.5439, 33.2969, 25.7254



30.3301, 33.2969, 24.1891



28.9181, 33.2969, 49.3243



33.0029, 33.2969, 51.7839

Sweetspot

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



34.5448, 33.2984, 25.7261



75.6249, 77.7814, 77.4443



34.5508, 28.8763, 39.3981



16.0791, 16.4727, 16.1502



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.



34.5448, 33.2984, 25.7261



59.2355, 55.7022, 38.9955



39.3025, 42.8138, 27.3120



9.2562, 9.5154, 9.4557



14.9773, 9.7309, 1.0889



0.5874, 0.4619, 0.0582

Inverse Universe

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



31.3125, 35.1159, 50.4754



52.4463, 59.5021, 90.9254



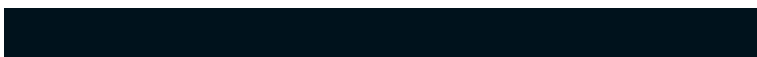
26.9609, 26.4126, 49.0248



8.9935, 9.6643, 11.4708



10.5979, 11.6555, 32.9442



0.4294, 0.5225, 1.1800

Previews

White Background



This preview shows how the XYZ color 34.5439, 33.2969, 25.7254 looks on a white background.

Color Contrast Check

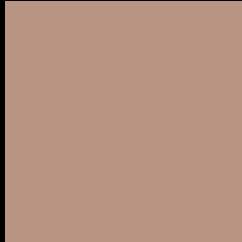
Large Text (above 18pt) WCAG AA × Fail

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 34.5439, 33.2969, 25.7254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

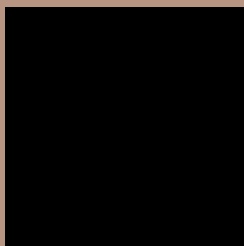
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5439, 33.2969, 25.7254

Background



This preview shows how black text looks on a background with the XYZ color 34.5439, 33.2969, 25.7254.



This preview shows how white text looks on a background with the XYZ color 34.5439, 33.2969,

25.7254.

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

34.5439, 33.2969, 25.7254

Protanopia

31.4319, 33.3629, 26.9733

Deuteranopia

33.9917, 33.2482, 25.7451



Tritanopia

36.6197, 33.2159, 35.9337

Trichromacy



Original Color

34.5439, 33.2969, 25.7254

Protanomaly

32.3507, 33.1063, 26.5149

Deuteranomaly

34.2270, 33.3695, 25.7561

Tritanomaly

35.7950, 33.1035, 32.1068

Monochromacy



Original Color

34.5439, 33.2969, 25.7254

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7584, 33.4333, 32.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5439, 33.2969, 25.7254 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(184, 149, 130)` looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 130)  
}
```

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(184, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 130) }
```

Border

The CSS property to change the border of an element to XYZ 34.5439, 33.2969, 25.7254 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(184, 149, 130) }
```


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

```
.border{ border-color:rgb(184, 149, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5439, 33.2969, 25.7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 130) }
```

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

```
.background{ background-color: rgb(184,  
149, 130) }
```

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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