

Converting Colors

XYZ(33.7869, 34.4661, 25.8652)

Have a look what the booklet for
XYZ(33.7869, 34.4661, 25.8652)
contains.

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Color

**XYZ(33.6551, 34.2845,
25.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	B09B82
RGB	176, 155, 130
RGB Percent	69%, 61%, 51%
CMY	0.3098, 0.3921, 0.4902
CMYK	0.00, 0.12, 0.26, 0.31
HSL	33°, 23%, 60%
HSV	33°, 26%, 69%
XYZ	33.6551, 34.2845, 25.9628
YIQ	158.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

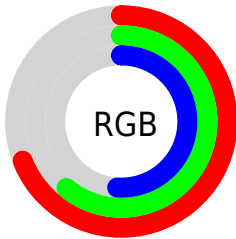
Format	Color
RYB	169, 176, 130
Decimal	11574146
CIELab	65.19, 3.78, 15.96
CIELCh	65, 16.401, 76.659
Yxy	34.2845, 0.3584, 0.3651
Android (android.graphics.Color)	4289764226 (0xFFB09B82)
YUV	158.4290, -14.0155, 15.4098
Hunter-Lab	58.5530, 0.1306, 14.6975

Details

The XYZ color **33.6551, 34.2845, 25.9628** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1087, 30.0128, 45.3860**, and the grayscale version is **32.7502, 34.4558, 37.5223**.

A 20% lighter version of the original color is **64.6264, 66.1756, 54.1667**, and **14.6039, 14.7057, 9.8533** is the 20% darker color. If you saturate the color by 10%, you get **31.2808, 31.2674, 19.8331**, and if you desaturate by 10%, it is **36.3223, 37.5635, 33.1878**.

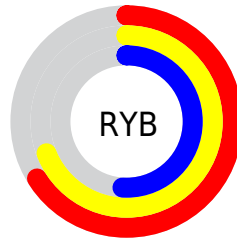
Distribution



Red (69%)

Green (61%)

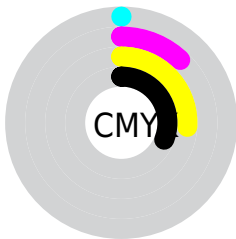
Blue (51%)



Red (66%)

Yellow (69%)

Blue (51%)

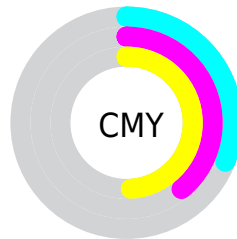


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6551, 34.2845, 25.9628 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 33.6551, 34.2845, 25.9628 by changing the saturation by 10% instead.


 33.6551, 34.2845,
25.9628


 33.6551, 34.2845,
25.9628


310.2045,
321.3988, 296.1991


 22.7904, 23.1122,
16.5703


 64.7448, 66.3758,
54.1983

 14.5587, 14.6764,
9.7699

 85.7005, 88.0637,
73.8783

 8.5945, 8.5926,
5.1431


 110.7507,
114.0256, 97.8246

 4.5326, 4.4764,
2.2712

140.2605,
144.6459, 126.4558

 2.0077, 1.9435,
0.7150

174.5955,
180.3089, 160.1902

 0.6383, 0.5743,
0.0000

214.1209,

 0.0000, 0.0000,

221.3992, 199.4466

0.0000

259.2021,
268.3010, 244.6433

■ 33.6551, 34.2845,
25.9628

■ 33.6551, 34.2845,
25.9628

■ 31.2808, 31.2674,
19.8331

■ 36.3223, 37.5635,
33.1878

■ 29.1847, 28.5000,
14.7420

■ 39.2908, 41.1068,
41.5570

■ 27.3547, 25.9757,
10.6305

■ 42.5722, 44.9229,
51.1186

■ 25.7766, 23.6861,
7.4332

■ 46.1765, 49.0182,
61.9175

■ 24.4347, 21.6218,
5.0762

■ 50.1131, 53.3992,
73.9964

■ 23.3110, 19.7724,
3.4740

■ 54.3913, 58.0717,
87.3958

■ 22.3820, 18.1254,
2.5142

■ 59.0197, 63.0417,
102.1544

■ 22.0571, 17.5352,
2.2221

■ 61.3569, 67.2548,
104.3554

■ 63.5070, 71.5551,
105.0721

Harmonies

Analogous

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



35.8332, 34.2845, 28.5771



33.6551, 34.2845, 25.9628



31.2905, 34.2845, 26.1174

Triad

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



33.6551, 34.2845, 25.9628



28.3911, 34.2845, 41.2193



36.0334, 34.2845, 47.0795

Complementary

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



33.6551, 34.2845, 25.9628



28.1087, 30.0128, 45.3860

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.



33.9175, 34.2845, 51.3647



33.6551, 34.2845, 25.9628



29.5419, 34.2845, 47.7093

Square

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



33.6551, 34.2845, 25.9628



28.3286, 34.2845, 34.3833



31.5405, 34.2845, 51.6083



37.2508, 34.2845, 40.4404

Rectangle

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



33.6551, 34.2845, 25.9628



29.9268, 34.2845, 27.7622



31.5405, 34.2845, 51.6083



35.3991, 34.2845, 48.8766

Sweetspot

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



33.6560, 34.2861, 25.9635



70.1364, 73.2267, 72.1577



31.5113, 27.4453, 33.1142



15.0229, 15.6596, 15.1353



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.



33.6560, 34.2861, 25.9635



58.6473, 59.1658, 40.8373



37.1145, 41.7149, 27.2151



8.8663, 9.2450, 8.9697



16.2427, 12.9841, 1.6501



0.5685, 0.5234, 0.0711

Inverse Universe

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



28.1087, 30.0128, 45.3860



46.9767, 50.1771, 81.7045



25.2624, 23.9683, 44.3693



8.3508, 8.8479, 10.7740



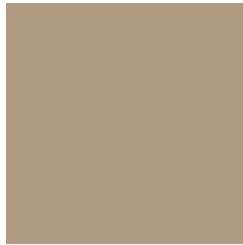
7.9296, 6.6596, 31.0045



0.3081, 0.3266, 0.9950

Previews

White Background



This preview shows how the XYZ color 33.6551, 34.2845, 25.9628 looks on a white background.

Color Contrast Check

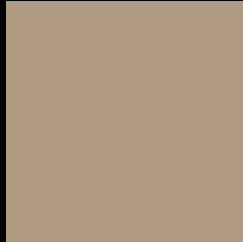
Large Text (above 18pt) WCAG AA × Fail

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 33.6551, 34.2845, 25.9628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

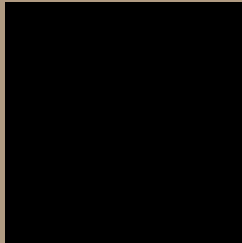
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6551, 34.2845, 25.9628

Background



This preview shows how black text looks on a background with the XYZ color 33.6551, 34.2845, 25.9628.



This preview shows how white text looks on a background with the XYZ color 33.6551, 34.2845,

25.9628.

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

33.6551, 34.2845, 25.9628

Protanopia

32.2599, 34.3079, 26.3945

Deuteranopia

34.8534, 34.1624, 26.2298



Tritanopia

36.2503, 34.1246, 38.8585

Trichromacy



Original Color

33.6551, 34.2845, 25.9628

Protanomaly

32.7313, 34.2987, 26.3679

Deuteranomaly

34.3104, 34.1245, 26.2511

Tritanomaly

35.3237, 34.2422, 33.6018

Monochromacy



Original Color

33.6551, 34.2845, 25.9628

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9193, 34.2514, 32.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6551, 34.2845, 25.9628 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(176, 155, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 155, 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(176, 155, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 155, 130) }
```

Border

The CSS property to change the border of an element to XYZ 33.6551, 34.2845, 25.9628 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(176, 155, 130) }
```


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

```
.border{ border-color:rgb(176, 155, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 155, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 155,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6551, 34.2845, 25.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 155, 130) }
```

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

```
.background{ background-color: rgb(176,  
155, 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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