

Converting Colors

XYZ(34.6916, 36.6273, 26.7827)

Have a look what the booklet for
XYZ(34.6916, 36.6273, 26.7827)
contains.

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Color

**XYZ(34.6963, 36.5933,
26.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA283
RGB	175, 162, 131
RGB Percent	69%, 64%, 51%
CMY	0.3137, 0.3647, 0.4863
CMYK	0.00, 0.07, 0.25, 0.31
HSL	42°, 22%, 60%
HSV	42°, 25%, 69%
XYZ	34.6963, 36.5933, 26.7073
YIQ	162.3530, 17.6990, -6.8850

Conversions

Conversions Part 2

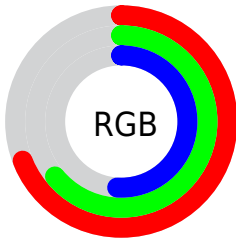
Format	Color
RYB	149, 175, 131
Decimal	11510403
CIELab	66.97, -0.29, 17.86
CIELCh	67, 17.861, 90.930
Yxy	36.5933, 0.3541, 0.3734
Android (android.graphics.Color)	4289700483 (0xFFAFA283)
YUV	162.3530, -15.4570, 11.0914
Hunter-Lab	60.4924, -3.4804, 16.1682

Details

The XYZ color **34.6963, 36.5933, 26.7073** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0711, 27.8664, 44.5097**, and the grayscale version is **34.5735, 36.3740, 39.6113**.

A 20% lighter version of the original color is **66.4196, 70.0753, 55.3726**, and **15.1957, 16.1005, 10.0914** is the 20% darker color. If you saturate the color by 10%, you get **32.7174, 34.3758, 20.6820**, and if you desaturate by 10%, it is **36.9149, 38.9691, 33.8017**.

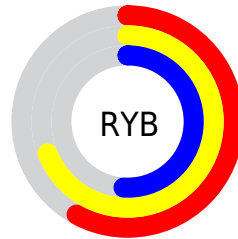
Distribution



Red (69%)

Green (64%)

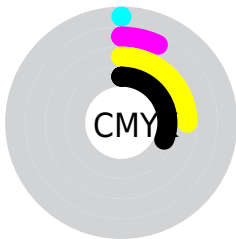
Blue (51%)



Red (58%)

Yellow (69%)

Blue (51%)

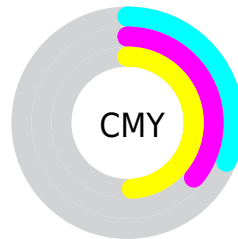


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6963, 36.5933, 26.7073 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 34.6963, 36.5933, 26.7073 by changing the saturation by 10% instead.

■ 34.6963, 36.5933,
26.7073

■ 34.6963, 36.5933,
26.7073

314.7573,
331.5464, 299.9523

■ 23.5944, 24.8928,
17.1230

■ 66.3521, 69.9468,
55.4118

■ 15.1562, 15.9972,
10.1594

■ 87.6368, 92.3686,
75.3692

■ 9.0161, 9.5222,
5.3978

■ 113.0465,
119.1329, 99.6213

■ 4.8089, 5.0833,
2.4197

142.9466,
150.6242, 128.5867

■ 2.1692, 2.2962,
0.7971

177.7023,
187.2268, 162.6840

■ 0.7264, 0.7717,
0.0000

217.6791,

■ 0.0000, 0.0000,

229.3250, 202.3317

0.0000

263.2423,
277.3035, 247.9483

■ 34.6963, 36.5933,
26.7073

■ 34.6963, 36.5933,
26.7073

■ 32.7174, 34.3758,
20.6820

■ 36.9149, 38.9691,
33.8017

■ 30.9648, 32.3068,
15.6705

■ 39.3802, 41.5029,
42.0125

■ 29.4282, 30.3827,
11.6157

■ 42.1023, 44.2006,
51.3866

■ 28.0950, 28.5976,
8.4542

■ 45.0898, 47.0665,
61.9677

■ 26.9512, 26.9453,
6.1145

■ 48.3511, 50.1046,
73.7973

■ 25.9807, 25.4185,
4.5143

■ 51.8940, 53.3185,
86.9147

■ 25.1639, 24.0086,
3.5520

■ 55.7261, 56.7120,
101.3577

■ 24.8008, 23.3569,
3.2012

■ 57.1697, 59.2147,
103.0242

■ 58.4137, 61.7027,
103.4388

Harmonies

Analogous

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



37.3746, 36.5933, 28.1717



34.6963, 36.5933, 26.7073



32.1706, 36.5933, 28.3644

Triad

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



34.6963, 36.5933, 26.7073



30.4997, 36.5933, 48.0174



39.5371, 36.5933, 47.5437

Complementary

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



34.6963, 36.5933, 26.7073



27.0711, 27.8664, 44.5097

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.



37.5286, 36.5933, 54.0654



34.6963, 36.5933, 26.7073



32.3099, 36.5933, 54.3629

Square

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



34.6963, 36.5933, 26.7073



29.8264, 36.5933, 40.0867



34.8655, 36.5933, 56.7060



40.2556, 36.5933, 39.6021

Rectangle

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



34.6963, 36.5933, 26.7073



30.8900, 36.5933, 31.1587



34.8655, 36.5933, 56.7060



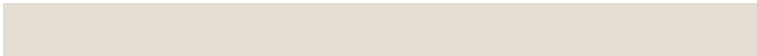
38.9854, 36.5933, 50.0094

Sweetspot

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



34.6973, 36.5950, 26.7081



69.1577, 72.9395, 70.6217



30.8453, 27.3668, 30.1229



15.2233, 16.0604, 15.2021



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.



34.6973, 36.5950, 26.7081



60.1830, 63.3691, 41.7990



35.1949, 40.4276, 27.4216



8.4599, 8.9246, 8.4901



17.8158, 16.8371, 2.3109



0.5400, 0.5572, 0.0791

Inverse Universe

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



27.0711, 27.8664, 44.5097



44.2448, 45.1308, 79.0160



26.6362, 24.8864, 43.9574



7.7645, 8.1284, 10.1124



6.4585, 4.0508, 29.4860



0.2277, 0.2088, 0.8363

Previews

White Background



This preview shows how the XYZ color 34.6963, 36.5933, 26.7073 looks on a white background.

Color Contrast Check

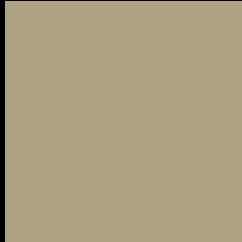
Large Text (above 18pt) WCAG AA × Fail

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 34.6963, 36.5933, 26.7073 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

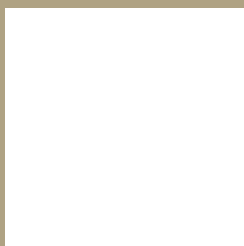
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6963, 36.5933, 26.7073

Background



This preview shows how black text looks on a background with the XYZ color 34.6963, 36.5933, 26.7073.



This preview shows how white text looks on a background with the XYZ color 34.6963, 36.5933,

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

34.6963, 36.5933, 26.7073

Protanopia

34.4275, 36.7173, 26.7454

Deuteranopia

37.2081, 36.5987, 26.9330



Tritanopia

38.0408, 36.6818, 42.6114

Trichromacy



Original Color

34.6963, 36.5933, 26.7073

Protanomaly

34.6495, 36.8317, 26.7557

Deuteranomaly

36.3302, 36.6526, 26.9896

Tritanomaly

36.6746, 36.6278, 36.1473

Monochromacy



Original Color

34.6963, 36.5933, 26.7073

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4426, 36.2905, 34.4676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6963, 36.5933, 26.7073 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, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 131)  
}
```

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, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.6963, 36.5933, 26.7073 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, 162, 131) }
```


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

```
.border{ border-color:rgb(175, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6963, 36.5933, 26.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 131) }
```

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

```
.background{ background-color: rgb(175,  
162, 131) }
```

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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