

Converting Colors

XYZ(34.6533, 36.3192, 30.9976)

Have a look what the booklet for
XYZ(34.6533, 36.3192, 30.9976)
contains.

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Color

**XYZ(34.7161, 36.2436,
31.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA18F
RGB	172, 161, 143
RGB Percent	67%, 63%, 56%
CMY	0.3255, 0.3686, 0.4392
CMYK	0.00, 0.06, 0.17, 0.33
HSL	37°, 15%, 62%
HSV	37°, 17%, 67%
XYZ	34.7161, 36.2436, 31.1526
YIQ	162.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

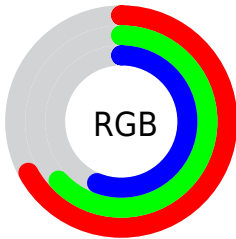
Format	Color
R_{YB}	161, 172, 143
Decimal	11313551
CIE _{Lab}	66.71, 0.92, 10.81
CIE _{LCh}	67, 10.847, 85.130
Yxy	36.2436, 0.3400, 0.3549
Android (android.graphics.Color)	4289503631 (0xFFACA18F)
YUV	162.2370, -9.4838, 8.5622
Hunter-Lab	60.2027, -2.4219, 11.4615

Details

The XYZ color **34.7161, 36.2436, 31.1526** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3296, 31.9288, 43.5944**, and the grayscale version is **34.4936, 36.2900, 39.5198**.

A 20% lighter version of the original color is **66.6288, 69.6369, 62.7529**, and **15.2974, 15.9352, 12.6255** is the 20% darker color. If you saturate the color by 10%, you get **32.4019, 33.5427, 24.4381**, and if you desaturate by 10%, it is **37.2916, 39.1466, 38.9407**.

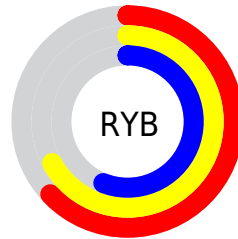
Distribution



Red (67%)

Green (63%)

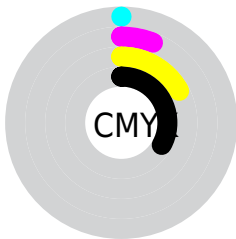
Blue (56%)



Red (63%)

Yellow (67%)

Blue (56%)

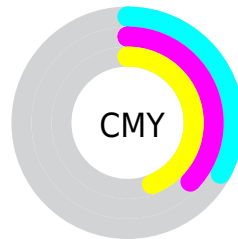


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7161, 36.2436, 31.1526 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 34.7161, 36.2436, 31.1526 by changing the saturation by 10% instead.

■ 34.7161, 36.2436,
31.1526

■ 34.7161, 36.2436,
31.1526

314.8434,
330.0240, 321.6137

■ 23.6098, 24.6224,
20.4556

■ 66.3827, 69.4079,
62.5626

■ 15.1676, 15.7959,
12.5393

■ 87.6736, 91.7198,
84.1128

■ 9.0241, 9.3799,
6.9851

113.0901,
118.3640, 110.1178

■ 4.8142, 4.9898,
3.3745

142.9975,
149.7249, 140.9961

■ 2.1723, 2.2413,
1.2889

177.7612,
186.1870, 177.1663

■ 0.7281, 0.7424,
0.0527

217.7465,

■ 0.0000, 0.0000,

228.1346, 219.0469

0.0000

263.3188,
275.9522, 267.0565

■ 34.7161, 36.2436,
31.1526

■ 34.7161, 36.2436,
31.1526

■ 32.4019, 33.5427,
24.4381

■ 37.2916, 39.1466,
38.9407

■ 30.3360, 31.0336,
18.7469

■ 40.1348, 42.2520,
47.8452

■ 28.5087, 28.7122,
14.0279

■ 43.2555, 45.5663,
57.9092

■ 26.9085, 26.5723,
10.2249

■ 46.6621, 49.0943,
69.1730

■ 25.5226, 24.6074,
7.2755

■ 50.3627, 52.8404,
81.6748

■ 24.3368, 22.8101,
5.1099

■ 54.3650, 56.8091,
95.4511

■ 23.3348, 21.1723,
3.6466

■ 57.2938, 60.4515,
103.2563

■ 22.4932, 19.6830,
2.7688

■ 58.9033, 63.6706,
103.7929

■ 22.2481, 19.2402,
2.5411

■ 60.5789, 67.0217,
104.3514

Harmonies

Analogous

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



36.2777, 36.2436, 32.5257



34.7161, 36.2436, 31.1526



33.1302, 36.2436, 31.8582

Triad

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



34.7161, 36.2436, 31.1526



31.6792, 36.2436, 43.4126



37.0934, 36.2436, 44.8392

Complementary

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



34.7161, 36.2436, 31.1526



30.3296, 31.9288, 43.5944

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.



35.8012, 36.2436, 48.1911



34.7161, 36.2436, 31.1526



32.6817, 36.2436, 47.3229

Square

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



34.7161, 36.2436, 31.1526



31.4092, 36.2436, 38.7035



34.1822, 36.2436, 49.1340



37.6777, 36.2436, 40.2326

Rectangle

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



34.7161, 36.2436, 31.1526



32.2675, 36.2436, 33.4443



34.1822, 36.2436, 49.1340



36.7255, 36.2436, 46.1639

Sweetspot

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



34.7171, 36.2452, 31.1534



68.5291, 71.9873, 73.3537



32.6786, 30.7531, 34.8369



14.8194, 15.5633, 15.7140



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.7171, 36.2452, 31.1534



61.4594, 63.9979, 52.0377



35.9909, 39.8813, 31.7881



8.4037, 8.8121, 8.4714



16.6102, 14.4260, 1.9090



0.5126, 0.5023, 0.0699

Inverse Universe

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



30.3296, 31.9288, 43.5944



52.0812, 54.7724, 78.6329



29.1917, 28.7702, 43.0447



7.8185, 8.2364, 10.1304



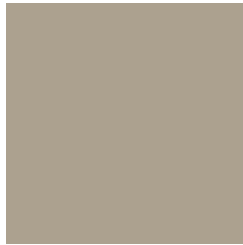
7.0069, 5.1477, 29.6688



0.2486, 0.2506, 0.8432

Previews

White Background



This preview shows how the XYZ color 34.7161, 36.2436, 31.1526 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 34.7161, 36.2436, 31.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

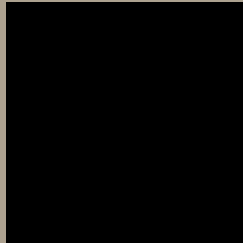
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7161, 36.2436, 31.1526

Background



This preview shows how black text looks on a background with the XYZ color 34.7161, 36.2436, 31.1526.



This preview shows how white text looks on a background with the XYZ color 34.7161, 36.2436,

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

34.7161, 36.2436, 31.1526

Protanopia

34.4558, 36.3699, 31.1907

Deuteranopia

36.9301, 36.1048, 31.4081



Tritanopia

36.8976, 36.0925, 42.5579

Trichromacy



Original Color

34.7161, 36.2436, 31.1526

Protanomaly

34.6728, 36.4818, 31.2008

Deuteranomaly

36.0833, 36.1706, 31.4654

Tritanomaly

36.0276, 35.9905, 38.3057

Monochromacy



Original Color

34.7161, 36.2436, 31.1526

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5626, 36.3142, 36.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7161, 36.2436, 31.1526 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(172, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 143)  
}
```

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(172, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 34.7161, 36.2436, 31.1526 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(172, 161, 143) }
```


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

```
.border{ border-color:rgb(172, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7161, 36.2436, 31.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 143) }
```

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

```
.background{ background-color: rgb(172,  
161, 143) }
```

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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