

Converting Colors

XYZ(35.6115, 36.7274, 26.0691)

Have a look what the booklet for
XYZ(35.6115, 36.7274, 26.0691)
contains.

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Color

**XYZ(35.7634, 36.8985,
26.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A181
RGB	181, 161, 129
RGB Percent	71%, 63%, 51%
CMY	0.2902, 0.3686, 0.4941
CMYK	0.00, 0.11, 0.29, 0.29
HSL	37°, 26%, 61%
HSV	37°, 29%, 71%
XYZ	35.7634, 36.8985, 26.0061
YIQ	163.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

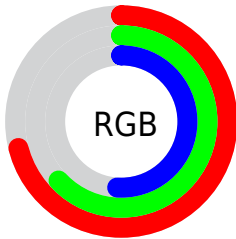
Format	Color
R_{YB}	162, 181, 129
Decimal	11903361
CIE _{Lab}	67.20, 2.35, 19.36
CIE _{LCh}	67, 19.502, 83.094
Yxy	36.8985, 0.3625, 0.3740
Android (android.graphics.Color)	4290093441 (0xFFB5A181)
YUV	163.3320, -16.9257, 15.4948
Hunter-Lab	60.7441, -1.2095, 17.1373

Details

The XYZ color **35.7634, 36.8985, 26.0061** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1410, 29.4974, 47.9266**, and the grayscale version is **35.0407, 36.8656, 40.1466**.

A 20% lighter version of the original color is **67.9244, 70.4937, 54.2826**, and **15.7763, 16.2431, 9.8931** is the 20% darker color. If you saturate the color by 10%, you get **33.4829, 34.0952, 19.8268**, and if you desaturate by 10%, it is **38.3267, 39.9259, 33.3320**.

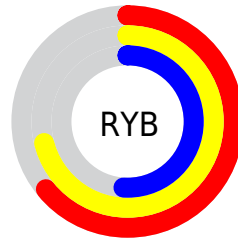
Distribution



Red (71%)

Green (63%)

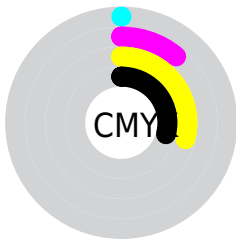
Blue (51%)



Red (64%)

Yellow (71%)

Blue (51%)

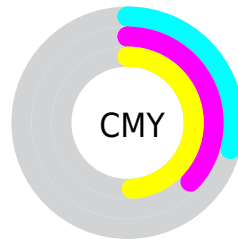


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7634, 36.8985, 26.0061 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 35.7634, 36.8985, 26.0061 by changing the saturation by 10% instead.

■ 35.7634, 36.8985,
26.0061

■ 35.7634, 36.8985,
26.0061

319.3745,
332.8709, 296.4185

■ 24.4208, 25.1289,
16.6024

■ 67.9930, 70.4167,
54.2690

■ 15.7725, 16.1731,
9.7925

■ 89.6107, 92.9340,
73.9653

■ 9.4531, 9.6467,
5.1578

■ 115.3841,
119.8027, 97.9295

■ 5.0974, 5.1654,
2.2798

145.6786,
151.4072, 126.5801

■ 2.3398, 2.3446,
0.7199

180.8595,
188.1319, 160.3358

■ 0.8149, 0.7972,
0.0000

221.2922,

■ 0.0000, 0.0000,

230.3611, 199.6151

0.0000

267.3421,
278.4793, 244.8365

■ 35.7634, 36.8985,
26.0061

■ 35.7634, 36.8985,
26.0061

■ 33.4829, 34.0952,
19.8268

■ 38.3267, 39.9259,
33.3320

■ 31.4700, 31.5043,
14.7322

■ 41.1814, 43.1785,
41.8574

■ 29.7122, 29.1202,
10.6579

■ 44.3392, 46.6642,
51.6347

■ 28.1947, 26.9352,
7.5320

■ 47.8104, 50.3885,
62.7124

■ 26.9011, 24.9409,
5.2726

■ 51.6046, 54.3569,
75.1367

■ 25.8118, 23.1274,
3.7843

■ 55.7309, 58.5748,
88.9512

■ 24.8942, 21.4798,
2.9000

■ 60.0851, 63.0018,
103.6015

■ 24.7841, 21.2798,
2.8012

■ 61.8381, 66.5078,
104.1858

■ 63.6668, 70.1652,
104.7954

Harmonies

Analogous

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



38.6201, 36.8985, 28.4467



35.7634, 36.8985, 26.0061



32.8743, 36.8985, 26.9100

Triad

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



35.7634, 36.8985, 26.0061



30.0669, 36.8985, 46.9520



39.8476, 36.8985, 50.8410

Complementary

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



35.7634, 36.8985, 26.0061



28.1410, 29.4974, 47.9266

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.



37.3633, 36.8985, 57.2122



35.7634, 36.8985, 26.0061



31.7462, 36.8985, 54.7543

Square

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



35.7634, 36.8985, 26.0061



29.6922, 36.8985, 38.2379



34.3874, 36.8985, 58.7370



41.0629, 36.8985, 42.1789

Rectangle

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



35.7634, 36.8985, 26.0061



31.3055, 36.8985, 29.3594



34.3874, 36.8985, 58.7370



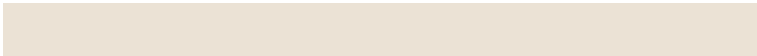
39.1267, 36.8985, 53.3687

Sweetspot

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



35.7644, 36.9002, 26.0069



73.5284, 77.0776, 74.2768



32.3956, 27.7203, 32.4133



15.7270, 16.4734, 15.5535



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.7644, 36.9002, 26.0069



61.6073, 63.1065, 39.8719



38.3459, 43.8397, 27.2103



8.9171, 9.3468, 8.9867



17.1543, 14.8072, 1.9539



0.5941, 0.5747, 0.0796

Inverse Universe

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



28.1410, 29.4974, 47.9266



45.8793, 47.8384, 85.1103



26.0546, 24.1220, 46.9990



8.3010, 8.7481, 10.7574



7.3052, 5.4109, 30.7964



0.2873, 0.2852, 0.9881

Previews

White Background



This preview shows how the XYZ color 35.7634, 36.8985, 26.0061 looks on a white background.

Color Contrast Check

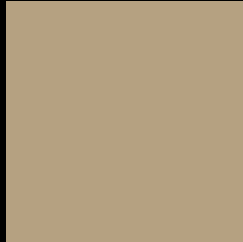
Large Text (above 18pt) WCAG AA × Fail

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 35.7634, 36.8985, 26.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

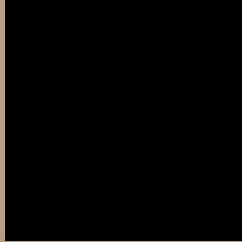
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7634, 36.8985, 26.0061

Background



This preview shows how black text looks on a background with the XYZ color 35.7634, 36.8985, 26.0061.



This preview shows how white text looks on a background with the XYZ color 35.7634, 36.8985,

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

35.7634, 36.8985, 26.0061

Protanopia

34.5820, 36.8048, 26.4005

Deuteranopia

37.5721, 36.8020, 26.2423



Tritanopia

39.2061, 37.0432, 42.1295

Trichromacy



Original Color

35.7634, 36.8985, 26.0061

Protanomaly

35.0811, 36.7995, 26.3731

Deuteranomaly

36.7496, 36.6302, 26.2525

Tritanomaly

37.8268, 36.9772, 35.7155

Monochromacy



Original Color

35.7634, 36.8985, 26.0061

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0838, 36.6211, 34.4976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7634, 36.8985, 26.0061 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(181, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 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(181, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 129) }
```

Border

The CSS property to change the border of an element to XYZ 35.7634, 36.8985, 26.0061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

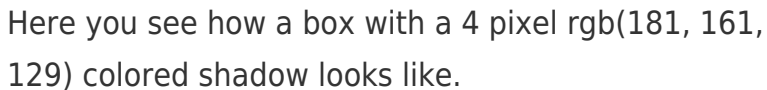
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 161, 129) }
```


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

```
.border{ border-color:rgb(181, 161, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 161, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 161, 129); box-shadow:4px 4px 4px 4px rgb(181, 161, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7634, 36.8985, 26.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 129) }
```

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

```
.background{ background-color: rgb(181,  
161, 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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