

Converting Colors

XYZ(35.1761, 37.0001, 25.8893)

Have a look what the booklet for
XYZ(35.1761, 37.0001, 25.8893)
contains.

XYZ(35.1911, 37.1265, 26.0802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.1911, 37.1265,
26.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A381
RGB	177, 163, 129
RGB Percent	69%, 64%, 51%
CMY	0.3059, 0.3608, 0.4941
CMYK	0.00, 0.08, 0.27, 0.31
HSL	43°, 24%, 60%
HSV	43°, 27%, 69%
XYZ	35.1911, 37.1265, 26.0802
YIQ	163.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

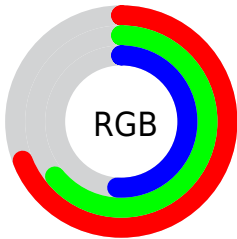
Format	Color
RYB	149, 177, 129
Decimal	11641729
CIELab	67.37, -0.33, 19.54
CIELCh	67, 19.540, 90.962
Yxy	37.1265, 0.3576, 0.3773
Android (android.graphics.Color)	4289831809 (0xFFB1A381)
YUV	163.3100, -16.9148, 12.0061
Hunter-Lab	60.9315, -3.5372, 17.2745

Details

The XYZ color **35.1911, 37.1265, 26.0802** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.8113, 27.4856, 45.4872**, and the grayscale version is **35.0312, 36.8556, 40.1357**.

A 20% lighter version of the original color is **67.1192, 70.8438, 54.3926**, and **15.4446, 16.2332, 9.9087** is the 20% darker color. If you saturate the color by 10%, you get **33.2176, 34.9019, 20.1120**, and if you desaturate by 10%, it is **37.4078, 39.5108, 33.1358**.

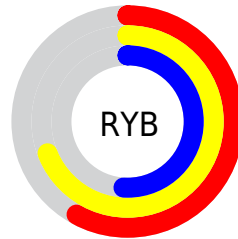
Distribution



Red (69%)

Green (64%)

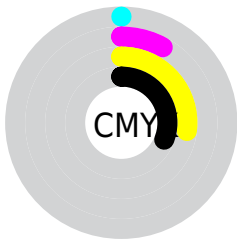
Blue (51%)



Red (58%)

Yellow (69%)

Blue (51%)

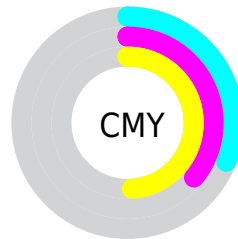


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1911, 37.1265, 26.0802 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 35.1911, 37.1265, 26.0802 by changing the saturation by 10% instead.

■ 35.1911, 37.1265,
26.0802

■ 35.1911, 37.1265,
26.0802

316.9043,
333.8579, 296.7935

■ 23.9773, 25.3054,
16.6573

■ 67.1138, 70.7673,
54.3900

■ 15.4414, 16.3048,
9.8311

■ 88.5534, 93.3558,
74.1140

■ 9.2181, 9.7401,
5.1830

■ 114.1323,
120.3023, 98.1088

■ 4.9420, 5.2270,
2.2944

144.2159,
151.9912, 126.7929

■ 2.2477, 2.3810,
0.7281

179.1696,
188.8067, 160.5849

■ 0.7677, 0.8161,
0.0000

219.3586,

■ 0.0000, 0.0000,

231.1335, 199.9033

0.0000

265.1484,
279.3557, 245.1667

■ 35.1911, 37.1265,
26.0802

■ 35.1911, 37.1265,
26.0802

■ 33.2176, 34.9019,
20.1120

■ 37.4078, 39.5108,
33.1358

■ 31.4734, 32.8269,
15.1735

■ 39.8749, 42.0546,
41.3280

■ 29.9476, 30.8976,
11.2049

■ 42.6031, 44.7639,
50.7058

■ 28.6271, 29.1082,
8.1395

■ 45.6012, 47.6432,
61.3146

■ 27.4972, 27.4519,
5.9020

■ 48.8779, 50.6964,
73.1974

■ 26.5407, 25.9212,
4.4047

■ 52.4413, 53.9274,
86.3950

■ 25.7330, 24.5055,
3.5202

■ 56.2992, 57.3401,
100.9467

■ 25.5146, 24.1134,
3.3096

■ 57.8440, 59.8921,
103.1194

■ 59.0934, 62.3910,
103.5358

Harmonies

Analogous

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



38.1561, 37.1265, 27.6565



35.1911, 37.1265, 26.0802



32.4083, 37.1265, 27.8718

Triad

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



35.1911, 37.1265, 26.0802



30.5782, 37.1265, 49.5126



40.5633, 37.1265, 48.9660

Complementary

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



35.1911, 37.1265, 26.0802



26.8113, 27.4856, 45.4872

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.



38.3326, 37.1265, 56.2727



35.1911, 37.1265, 26.0802



32.5667, 37.1265, 56.6184

Square

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



35.1911, 37.1265, 26.0802



29.8394, 37.1265, 40.7018



35.3843, 37.1265, 59.2493



41.3616, 37.1265, 40.1484

Rectangle

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



35.1911, 37.1265, 26.0802



31.0028, 37.1265, 30.9049



35.3843, 37.1265, 59.2493



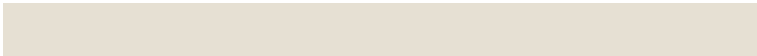
39.9501, 37.1265, 51.7220

Sweetspot

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



35.1921, 37.1282, 26.0810



70.9434, 74.8407, 72.4267



30.9703, 27.0433, 29.7337



15.2280, 16.0700, 15.2037



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.



35.1921, 37.1282, 26.0810



60.7001, 63.8937, 39.6028



35.7058, 41.2886, 26.8569



8.9836, 9.4797, 9.0088



18.5405, 17.5795, 2.4160



0.6307, 0.6478, 0.0918

Inverse Universe

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



26.8113, 27.4856, 45.4872



42.9901, 43.5232, 80.6303



26.3672, 24.3299, 44.9015



8.2372, 8.6205, 10.7361



6.6734, 4.1472, 30.5858



0.2616, 0.2338, 0.9796

Previews

White Background



This preview shows how the XYZ color 35.1911, 37.1265, 26.0802 looks on a white background.

Color Contrast Check

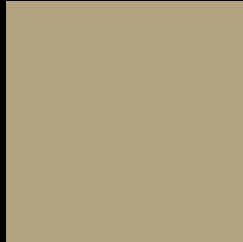
Large Text (above 18pt) WCAG AA × Fail

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 35.1911, 37.1265, 26.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

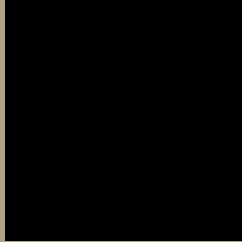
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1911, 37.1265, 26.0802

Background



This preview shows how black text looks on a background with the XYZ color 35.1911, 37.1265, 26.0802.



This preview shows how white text looks on a background with the XYZ color 35.1911, 37.1265,

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

35.1911, 37.1265, 26.0802

Protanopia

34.9171, 37.2499, 26.1185

Deuteranopia

37.7420, 37.1418, 26.2990



Tritanopia

38.6041, 36.9613, 43.1298

Trichromacy



Original Color

35.1911, 37.1265, 26.0802

Protanomaly

35.1424, 37.3660, 26.1290

Deuteranomaly

36.8498, 37.1924, 26.3558

Tritanomaly

37.1369, 36.8661, 36.1689

Monochromacy



Original Color

35.1911, 37.1265, 26.0802

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8316, 36.7536, 34.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1911, 37.1265, 26.0802 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(177, 163, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 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(177, 163, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 129) }
```

Border

The CSS property to change the border of an element to XYZ 35.1911, 37.1265, 26.0802 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(177, 163, 129) }
```


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

```
.border{ border-color:rgb(177, 163, 129) }
```

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

Here you see how a box with a 4 pixel rgb(177, 163, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1911, 37.1265, 26.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 129) }
```

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

```
.background{ background-color: rgb(177,  
163, 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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