

Converting Colors

XYZ(33.6767, 37.7546, 27.0826)

Have a look what the booklet for
XYZ(33.6767, 37.7546, 27.0826)
contains.

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Color

**XYZ(33.6164, 37.6433,
26.9668)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A883
RGB	165, 168, 131
RGB Percent	65%, 66%, 51%
CMY	0.3529, 0.3412, 0.4863
CMYK	0.02, 0.00, 0.22, 0.34
HSL	65°, 18%, 59%
HSV	65°, 22%, 66%
XYZ	33.6164, 37.6433, 26.9668
YIQ	162.8850, 10.0890, -12.1430

Conversions

Conversions Part 2

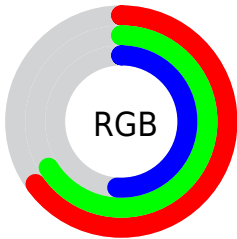
Format	Color
RYB	131, 168, 134
Decimal	10856579
CIELab	67.76, -7.42, 18.81
CIElCh	68, 20.222, 111.541
Yxy	37.6433, 0.3422, 0.3832
Android (android.graphics.Color)	4289046659 (0xFFA5A883)
YUV	162.8850, -15.7193, 1.8549
Hunter-Lab	61.3541, -9.5682, 16.8883

Details

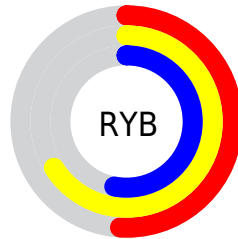
The XYZ color **33.6164, 37.6433, 26.9668** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0172, 24.1291, 40.3867**, and the grayscale version is **34.8278, 36.6416, 39.9027**.

A 20% lighter version of the original color is **64.5546, 71.4517, 55.7366**, and **14.5406, 16.5956, 10.2215** is the 20% darker color. If you saturate the color by 10%, you get **32.2871, 37.0802, 21.4351**, and if you desaturate by 10%, it is **35.1354, 38.2851, 33.4727**.

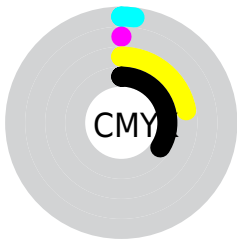
Distribution



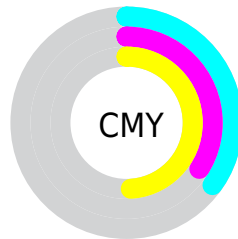
- Red (65%)
- Green (66%)
- Blue (51%)



- Red (51%)
- Yellow (66%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6164, 37.6433, 26.9668 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 33.6164, 37.6433, 26.9668 by changing the saturation by 10% instead.

■ 33.6164, 37.6433,
26.9668

■ 33.6164, 37.6433,
26.9668

310.0343,
336.0873, 301.2514

■ 22.7606, 25.7060,
17.3161

■ 64.6850, 71.5611,
55.8337

■ 14.5365, 16.6038,
10.2958

■ 85.6284, 94.3103,
75.8869

■ 8.5789, 9.9524,
5.4873

■ 110.6650,
121.4323, 100.2447

■ 4.5225, 5.3674,
2.4722

140.1603,
153.3114, 129.3257

■ 2.0018, 2.4644,
0.8254

174.4795,
190.3321, 163.5483

■ 0.6349, 0.8587,
0.0000

213.9880,

■ 0.0000, 0.0000,

232.8787, 203.3311

0.0000

259.0511,
281.3357, 249.0926

■ 33.6164, 37.6433,
26.9668

■ 33.6164, 37.6433,
26.9668

■ 32.2871, 37.0802,
21.4351

■ 35.1354, 38.2851,
33.4727

■ 31.1355, 36.5874,
16.8285

■ 36.8494, 39.0040,
40.9942

■ 30.1532, 36.1625,
13.0970

■ 38.7673, 39.8048,
49.5729

■ 29.3295, 35.8015,
10.1852

■ 40.8962, 40.6904,
59.2476

■ 28.6526, 35.4995,
8.0312

■ 43.2434, 41.6636,
70.0551

■ 28.1092, 35.2513,
6.5643

■ 45.8153, 42.7271,
82.0305

■ 27.6833, 35.0504,
5.7007

■ 48.6185, 43.8835,
95.2073

■ 27.3995, 34.9128,
5.2947

■ 49.9380, 44.4467,
100.5548

■ 50.2477, 44.6064,
100.5693

Harmonies

Analogous

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



36.6705, 37.6433, 26.2060



33.6164, 37.6433, 26.9668



31.2744, 37.6433, 31.1837

Triad

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



33.6164, 37.6433, 26.9668



32.1683, 37.6433, 56.0027



42.0612, 37.6433, 43.5725

Complementary

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



33.6164, 37.6433, 26.9668



25.0172, 24.1291, 40.3867

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.



40.6962, 37.6433, 52.6560



33.6164, 37.6433, 26.9668



34.9017, 37.6433, 60.4863

Square

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



33.6164, 37.6433, 26.9668



30.4728, 37.6433, 47.6399



38.0321, 37.6433, 59.1797



41.6675, 37.6433, 34.9845

Rectangle

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



33.6164, 37.6433, 26.9668



30.3736, 37.6433, 35.7736



38.0321, 37.6433, 59.1797



41.7901, 37.6433, 46.6842

Sweetspot

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



33.6174, 37.6450, 26.9676



65.2323, 70.0906, 67.1854



28.6980, 26.8676, 25.1466



14.1803, 15.2609, 14.4789



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.6174, 37.6450, 26.9676



59.8844, 67.8357, 44.2514



30.1393, 35.8520, 26.8048



8.0859, 8.7424, 8.0505



20.7102, 26.3737, 3.9991



0.5209, 0.6504, 0.0981

Inverse Universe

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



25.0172, 24.1291, 40.3867



41.7133, 39.2762, 72.6076



28.1280, 25.7328, 40.5323



7.1862, 7.3286, 9.4541



5.4891, 2.2132, 28.1134



0.1506, 0.0626, 0.6848

Previews

White Background



This preview shows how the XYZ color 33.6164, 37.6433, 26.9668 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 33.6164, 37.6433, 26.9668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

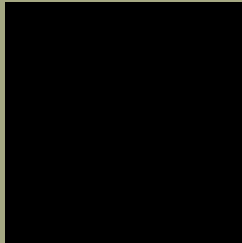
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6164, 37.6433, 26.9668

Background



This preview shows how black text looks on a background with the XYZ color 33.6164, 37.6433, 26.9668.



This preview shows how white text looks on a background with the XYZ color 33.6164, 37.6433,

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

33.6164, 37.6433, 26.9668

Protanopia

35.3221, 37.7254, 26.1889

Deuteranopia

38.1987, 37.3536, 27.3870



Tritanopia

37.4528, 37.5937, 45.8398

Trichromacy



Original Color

33.6164, 37.6433, 26.9668

Protanomaly

34.6787, 37.6548, 26.5594

Deuteranomaly

36.3766, 37.4517, 27.1414

Tritanomaly

35.8957, 37.4891, 38.1451

Monochromacy



Original Color

33.6164, 37.6433, 26.9668

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.3509, 37.0371, 34.6166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6164, 37.6433, 26.9668 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(165, 168, 131)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 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(165, 168, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 131) }
```

Border

The CSS property to change the border of an element to XYZ 33.6164, 37.6433, 26.9668 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(165, 168, 131) }
```


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

```
.border{ border-color:rgb(165, 168, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 131);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6164, 37.6433, 26.9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 131) }
```

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

```
.background{ background-color: rgb(165,  
168, 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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