

Converting Colors

XYZ(33.3014, 36.2356, 33.0552)

Have a look what the booklet for
XYZ(33.3014, 36.2356, 33.0552)
contains.

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Color

**XYZ(33.3187, 36.2661,
33.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A494
RGB	161, 164, 148
RGB Percent	63%, 64%, 58%
CMY	0.3686, 0.3568, 0.4196
CMYK	0.02, 0.00, 0.10, 0.36
HSL	71°, 8%, 61%
HSV	71°, 10%, 64%
XYZ	33.3187, 36.2661, 33.2609
YIQ	161.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

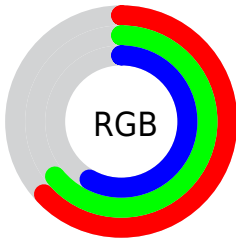
Format	Color
RYB	148, 164, 151
Decimal	10593428
CIELab	66.72, -4.01, 7.93
CIELCh	67, 8.888, 116.851
Yxy	36.2661, 0.3240, 0.3526
Android (android.graphics.Color)	4288783508 (0xFFA1A494)
YUV	161.2790, -6.5465, -0.2447
Hunter-Lab	60.2213, -6.6285, 9.4084

Details

The XYZ color **33.3187, 36.2661, 33.2609** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0546, 30.4404, 39.4154**, and the grayscale version is **34.0353, 35.8078, 38.9947**.

A 20% lighter version of the original color is **64.3111, 69.5262, 65.9075**, and **14.2585, 15.7026, 13.5887** is the 20% darker color. If you saturate the color by 10%, you get **31.4992, 35.4687, 26.8728**, and if you desaturate by 10%, it is **35.3394, 37.1481, 40.6201**.

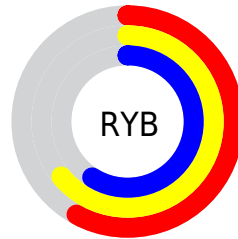
Distribution



Red (63%)

Green (64%)

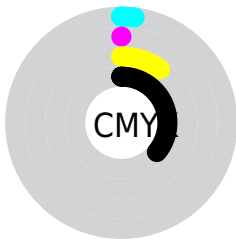
Blue (58%)



Red (58%)

Yellow (64%)

Blue (59%)

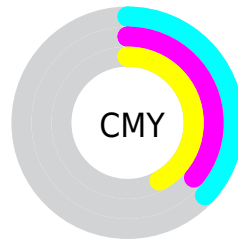


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (37%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3187, 36.2661, 33.2609 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 33.3187, 36.2661, 33.2609 by changing the saturation by 10% instead.

■ 33.3187, 36.2661,
33.2609

■ 33.3187, 36.2661,
33.2609

308.7230,
330.1221, 331.4917

■ 22.5311, 24.6398,
22.0536

■ 64.2241, 69.4426,
65.9033

■ 14.3664, 15.8089,
13.6976

■ 85.0727, 91.7615,
88.1756

■ 8.4594, 9.3890,
7.7743

110.0056,
118.4135, 114.9733

■ 4.4445, 4.9958,
3.8652

139.3882,
149.7829, 146.7149

■ 1.9566, 2.2448,
1.5517

173.5859,
186.2540, 183.8190

■ 0.6094, 0.7442,
0.2560

212.9641,

■ 0.0000, 0.0000,

228.2113, 226.7042

0.0000

257.8880,
276.0392, 275.7889

■ 33.3187, 36.2661,
33.2609

■ 33.3187, 36.2661,
33.2609

■ 31.4992, 35.4687,
26.8728

■ 35.3394, 37.1481,
40.6201

■ 29.8701, 34.7481,
21.4129

■ 37.5658, 38.1130,
48.9862

■ 28.4242, 34.1024,
16.8386

■ 40.0057, 39.1650,
58.3961

■ 27.1523, 33.5281,
13.1031

■ 42.6657, 40.3070,
68.8840

■ 26.0447, 33.0212,
10.1552

■ 45.5523, 41.5413,
80.4827

■ 25.0905, 32.5774,
7.9381

■ 48.6714, 42.8705,
93.2235

■ 24.2773, 32.1916,
6.3875

■ 50.7466, 43.7840,
100.3843

■ 23.5908, 31.8582,
5.4279

■ 51.4844, 44.1643,
100.4188

■ 22.9988, 31.5643,
4.8918

■ 52.2383, 44.5529,
100.4541

Harmonies

Analogous

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



34.6116, 36.2661, 32.5659



33.3187, 36.2661, 33.2609



32.3565, 36.2661, 35.5870

Triad

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



33.3187, 36.2661, 33.2609



33.0795, 36.2661, 45.9962



37.1081, 36.2661, 39.8946

Complementary

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



33.3187, 36.2661, 33.2609



30.0546, 30.4404, 39.4154

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.



36.6733, 36.2661, 43.6634



33.3187, 36.2661, 33.2609



34.3284, 36.2661, 47.3266

Square

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



33.3187, 36.2661, 33.2609



32.2209, 36.2661, 42.9165



35.6472, 36.2661, 46.4467



36.8210, 36.2661, 36.2464

Rectangle

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



33.3187, 36.2661, 33.2609



32.0203, 36.2661, 37.8320



35.6472, 36.2661, 46.4467



37.0412, 36.2661, 41.1909

Sweetspot

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



33.3197, 36.2677, 33.2617



62.8934, 66.8826, 69.1236



31.7122, 32.1434, 32.5503



13.6862, 14.5942, 14.8792



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



33.3197, 36.2677, 33.2617



59.6290, 65.4570, 57.3494



31.7714, 35.4695, 33.1892



7.5185, 8.1698, 7.5607



17.6601, 24.2146, 3.7431



0.4028, 0.5252, 0.0801

Inverse Universe

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



30.0546, 30.4404, 39.4154



52.3264, 52.4235, 71.1132



31.5768, 31.2251, 39.4866



6.8188, 6.9209, 8.8796



5.5972, 2.2920, 27.0772



0.1499, 0.0648, 0.5705

Previews

White Background



This preview shows how the XYZ color 33.3187, 36.2661, 33.2609 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 33.3187, 36.2661, 33.2609 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 33.3187, 36.2661, 33.2609

Background



This preview shows how black text looks on a background with the XYZ color 33.3187, 36.2661, 33.2609.



This preview shows how white text looks on a background with the XYZ color 33.3187, 36.2661,

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

33.3187, 36.2661, 33.2609

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

37.0904, 36.3832, 33.9220



Tritanopia

35.6307, 36.1581, 44.6364

Trichromacy



Original Color

33.3187, 36.2661, 33.2609

Protanomaly

34.0895, 36.4080, 32.8345

Deuteranomaly

35.6748, 36.4255, 33.5843

Tritanomaly

34.7556, 36.0626, 40.2509

Monochromacy



Original Color

33.3187, 36.2661, 33.2609

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.6190, 35.8180, 36.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3187, 36.2661, 33.2609 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(161, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(161, 164, 148)  
}
```

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(161, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 164, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.3187, 36.2661, 33.2609 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(161, 164, 148) }
```


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

```
.border{ border-color:rgb(161, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(161, 164,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3187, 36.2661, 33.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 164, 148) }
```

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

```
.background{ background-color: rgb(161,  
164, 148) }
```

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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