

Converting Colors

XYZ(34.1607, 36.3280, 28.0198)

Have a look what the booklet for
XYZ(34.1607, 36.3280, 28.0198)
contains.

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Color

**XYZ(34.0881, 36.2479,
28.1216)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA287
RGB	171, 162, 135
RGB Percent	67%, 64%, 53%
CMY	0.3294, 0.3647, 0.4706
CMYK	0.00, 0.05, 0.21, 0.33
HSL	45°, 18%, 60%
HSV	45°, 21%, 67%
XYZ	34.0881, 36.2479, 28.1216
YIQ	161.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

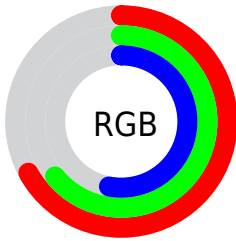
Format	Color
RYB	147, 171, 135
Decimal	11248263
CIELab	66.71, -1.26, 15.23
CIELCh	67, 15.287, 94.734
Yxy	36.2479, 0.3462, 0.3682
Android (android.graphics.Color)	4289438343 (0xFFABA287)
YUV	161.6130, -13.1202, 8.2324
Hunter-Lab	60.2062, -4.2962, 14.4507

Details

The XYZ color **34.0881, 36.2479, 28.1216** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3155, 28.0370, 42.5002**, and the grayscale version is **34.2173, 35.9992, 39.2032**.

A 20% lighter version of the original color is **65.5685, 69.5874, 57.5528**, and **14.6868, 15.6593, 10.8428** is the 20% darker color. If you saturate the color by 10%, you get **32.2399, 34.3258, 22.0351**, and if you desaturate by 10%, it is **36.1572, 38.3018, 35.2366**.

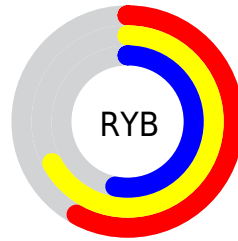
Distribution



Red (67%)

Green (64%)

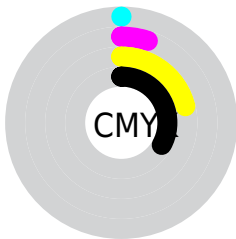
Blue (53%)



Red (58%)

Yellow (67%)

Blue (53%)

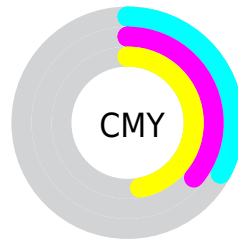


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0881, 36.2479, 28.1216 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 34.0881, 36.2479, 28.1216 by changing the saturation by 10% instead.

■ 34.0881, 36.2479,
28.1216

■ 34.0881, 36.2479,
28.1216

312.1037,
330.0428, 306.9777

■ 23.1245, 24.6257,
18.1775

■ 65.4140, 69.4145,
57.7040

■ 14.8067, 15.7984,
10.9067

■ 86.5071, 91.7277,
78.1793

■ 8.7692, 9.3816,
5.8908

■ 111.7073,
118.3734, 103.0021

■ 4.6469, 4.9909,
2.7111

141.3801,
149.7360, 132.5910

■ 2.0742, 2.2419,
0.9490

175.8907,
186.1998, 167.3645

■ 0.6751, 0.7427,
0.0000

215.6047,

■ 0.0000, 0.0000,

228.1493, 207.7410

0.0000

260.8872,
275.9688, 254.1393

■ 34.0881, 36.2479,
28.1216

■ 34.0881, 36.2479,
28.1216

■ 32.2399, 34.3258,
22.0351

■ 36.1572, 38.3018,
35.2366

■ 30.6003, 32.5264,
16.9264

■ 38.4532, 40.4865,
43.4233

■ 29.1600, 30.8469,
12.7434

■ 40.9854, 42.8074,
52.7251

■ 27.9078, 29.2823,
9.4288

■ 43.7617, 45.2681,
63.1823

■ 26.8314, 27.8274,
6.9186

■ 46.7894, 47.8718,
74.8331

■ 25.9166, 26.4759,
5.1397

■ 50.0759, 50.6219,
87.7141

■ 25.1468, 25.2209,
4.0060

■ 53.6280, 53.5214,
101.8603

■ 24.5489, 24.1665,
3.3707

■ 54.6274, 55.4435,
102.4302

■ 55.6063, 57.4013,
102.7565

Harmonies

Analogous

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



36.3791, 36.2479, 29.0661



34.0881, 36.2479, 28.1216



31.9886, 36.2479, 29.9287

Triad

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



34.0881, 36.2479, 28.1216



30.9372, 36.2479, 47.1503



38.6179, 36.2479, 45.1371

Complementary

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



34.0881, 36.2479, 28.1216



27.3155, 28.0370, 42.5002

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.



37.0399, 36.2479, 50.8448



34.0881, 36.2479, 28.1216



32.5953, 36.2479, 52.0950

Square

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



34.0881, 36.2479, 28.1216



30.2218, 36.2479, 40.5245



34.8196, 36.2479, 53.5168



39.0608, 36.2479, 38.4296

Rectangle

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



34.0881, 36.2479, 28.1216



30.9592, 36.2479, 32.5835



34.8196, 36.2479, 53.5168



38.1993, 36.2479, 47.2593

Sweetspot

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



34.0891, 36.2495, 28.1224



66.7373, 70.5014, 70.1135



30.4930, 28.0000, 30.1834



14.8255, 15.6676, 15.4318



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.



34.0891, 36.2495, 28.1224



59.5504, 63.3804, 45.3580



33.8367, 38.5567, 28.5810



8.4906, 8.9861, 8.5004



18.5495, 18.3045, 2.5555



0.5560, 0.5892, 0.0844

Inverse Universe

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



27.3155, 28.0370, 42.5002



45.3432, 46.1572, 75.5213



27.5167, 26.1980, 42.1347



7.7355, 8.0703, 10.1027



6.2216, 3.5771, 29.4070



0.2164, 0.1862, 0.8325

Previews

White Background



This preview shows how the XYZ color 34.0881, 36.2479, 28.1216 looks on a white background.

Color Contrast Check

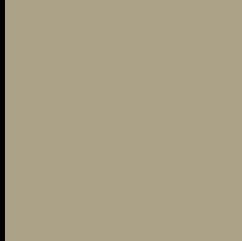
Large Text (above 18pt) WCAG AA × Fail

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 34.0881, 36.2479, 28.1216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

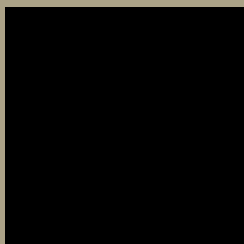
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

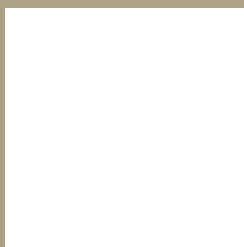
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0881, 36.2479, 28.1216

Background



This preview shows how black text looks on a background with the XYZ color 34.0881, 36.2479, 28.1216.



This preview shows how white text looks on a background with the XYZ color 34.0881, 36.2479,

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

34.0881, 36.2479, 28.1216

Protanopia

34.0881, 36.2479, 28.1216

Deuteranopia

36.8259, 36.1193, 28.3233



Tritanopia

36.9919, 36.1302, 43.0544

Trichromacy



Original Color

34.0881, 36.2479, 28.1216

Protanomaly

34.0881, 36.2479, 28.1216

Deuteranomaly

35.7268, 36.0551, 28.3689

Tritanomaly

35.9395, 36.2293, 36.9970

Monochromacy



Original Color

34.0881, 36.2479, 28.1216

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1049, 36.1070, 34.8776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0881, 36.2479, 28.1216 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(171, 162, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 135)  
}
```

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(171, 162, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.0881, 36.2479, 28.1216 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(171, 162, 135) }
```


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

```
.border{ border-color:rgb(171, 162, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0881, 36.2479, 28.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 135) }
```

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

```
.background{ background-color: rgb(171,  
162, 135) }
```

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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