

Converting Colors

XYZ(36.1710, 40.3674, 28.6397)

Have a look what the booklet for
XYZ(36.1710, 40.3674, 28.6397)
contains.

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Color

**XYZ(36.1113, 40.2943,
28.7960)**

Conversions

Conversions Part 1	
Format	Color
Hex	ABAD87
RGB	171, 173, 135
RGB Percent	67%, 68%, 53%
CMY	0.3294, 0.3216, 0.4706
CMYK	0.01, 0.00, 0.22, 0.32
HSL	63°, 19%, 60%
HSV	63°, 22%, 68%
XYZ	36.1113, 40.2943, 28.7960
YIQ	168.0700, 11.0060, -12.2420

Conversions

Conversions Part 2

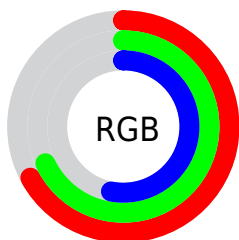
Format	Color
RYB	135, 173, 137
Decimal	11251079
CIELab	69.68, -7.17, 19.34
CIELCh	70, 20.630, 110.333
Yxy	40.2943, 0.3433, 0.3830
Android (android.graphics.Color)	4289441159 (0xFFABAD87)
YUV	168.0700, -16.3035, 2.5696
Hunter-Lab	63.4778, -9.5409, 17.5382

Details

The XYZ color **36.1113, 40.2943, 28.7960** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5249, 25.6645, 43.0931**, and the grayscale version is **37.3284, 39.2724, 42.7676**.

A 20% lighter version of the original color is **68.4991, 75.4485, 58.5297**, and **15.9483, 18.1822, 11.2633** is the 20% darker color. If you saturate the color by 10%, you get **34.7933, 39.7456, 22.8844**, and if you desaturate by 10%, it is **37.6308, 40.9265, 35.7519**.

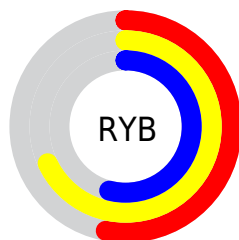
Distribution



Red (67%)

Green (68%)

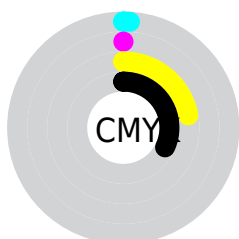
Blue (53%)



Red (53%)

Yellow (68%)

Blue (54%)

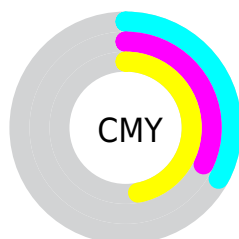


Cyan (1%)

Magenta (0%)

Yellow (22%)

Black (32%)



Cyan (33%)


Magenta (32%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1113, 40.2943, 28.7960 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 36.1113, 40.2943, 28.7960 by changing the saturation by 10% instead.


 36.1113, 40.2943,
28.7960


 36.1113, 40.2943,
28.7960


320.8695,
347.3624, 310.2820


 24.6907, 27.7681,
18.6823


 68.5266, 75.6115,
58.7911

 15.9742, 18.1509,
11.2665


 90.2519, 99.1712,
79.5096

 9.5967, 11.0584,
6.1299


 116.1429,
127.1775, 104.6002

 5.1926, 6.1061,
2.8542

146.5648,
160.0149, 134.4812

 2.3966, 2.9097,
1.0207

181.8831,
198.0677, 169.5714

 0.8434, 1.0848,
0.0000


222.4631,


 0.0000, 0.0000,


241.7203, 210.2892


0.0000


268.6701,
291.3571, 257.0532


 36.1113, 40.2943,
28.7960


 36.1113, 40.2943,
28.7960


 34.7933, 39.7456,
22.8844


 37.6308, 40.9265,
35.7519


 33.6640, 39.2712,
17.9643


 39.3574, 41.6404,
43.7964


 32.7142, 38.8687,
13.9821


 41.3007, 42.4410,
52.9744


 31.9325, 38.5336,
10.8781


 43.4685, 43.3317,
63.3275


 31.3063, 38.2608,
8.5857


 45.8684, 44.3153,
74.8952


 30.8211, 38.0447,
7.0290


 48.5074, 45.3947,
87.7152

 30.4599, 37.8783,
6.1177

 51.2140, 46.5014,
100.8841

 30.2297, 37.7687,
5.6968

 51.4232, 46.6092,
100.8939

 51.6337, 46.7177,
100.9038

Harmonies

Analogous

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



39.3864, 40.2943, 28.1332



36.1113, 40.2943, 28.7960



33.5673, 40.2943, 33.1551

Triad

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



36.1113, 40.2943, 28.7960



34.3459, 40.2943, 59.5989



44.9806, 40.2943, 47.0332

Complementary

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



36.1113, 40.2943, 28.7960



26.5249, 25.6645, 43.0931

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.



43.4547, 40.2943, 56.6841



36.1113, 40.2943, 28.7960



37.2308, 40.2943, 64.6035

Square

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



36.1113, 40.2943, 28.7960



32.5899, 40.2943, 50.5758



40.5723, 40.2943, 63.4656



44.6377, 40.2943, 37.7914

Rectangle

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



36.1113, 40.2943, 28.7960



32.5669, 40.2943, 37.9735



40.5723, 40.2943, 63.4656



44.6660, 40.2943, 50.3553

Sweetspot

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



36.1124, 40.2961, 28.7969



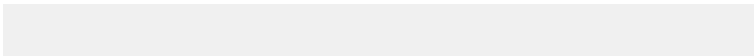
68.8417, 73.8937, 70.7564



30.5395, 28.4974, 26.8132



14.9231, 16.0431, 15.2011



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.



36.1124, 40.2961, 28.7969



63.5687, 71.7048, 46.5933



32.2858, 38.3235, 28.6178



8.6203, 9.3084, 8.5557



22.2224, 27.7531, 4.1856



0.6306, 0.7784, 0.1170

Inverse Universe

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



26.5249, 25.6645, 43.0931



43.5459, 41.1461, 76.4526



29.8990, 27.4039, 43.2510



7.6165, 7.7766, 10.0523



5.6406, 2.2677, 29.1849



0.1693, 0.0695, 0.8125

Previews

White Background



This preview shows how the XYZ color 36.1113, 40.2943, 28.7960 looks on a white background.

Color Contrast Check

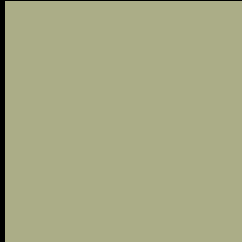
Large Text (above 18pt) WCAG AA × Fail

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 36.1113, 40.2943, 28.7960 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

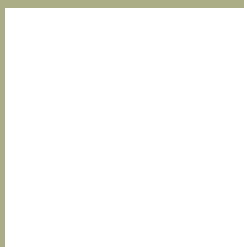
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1113, 40.2943, 28.7960

Background



This preview shows how black text looks on a background with the XYZ color 36.1113, 40.2943, 28.7960.



This preview shows how white text looks on a background with the XYZ color 36.1113, 40.2943,

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

36.1113, 40.2943, 28.7960

Protanopia

37.7339, 40.2944, 28.3431

Deuteranopia

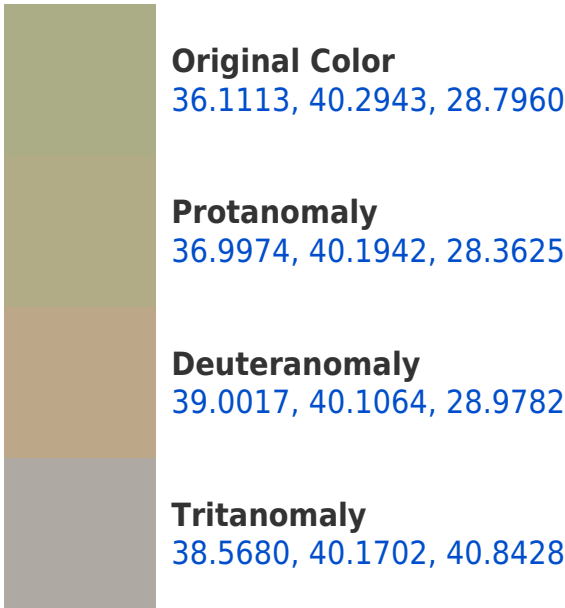
40.9013, 40.0063, 29.2332



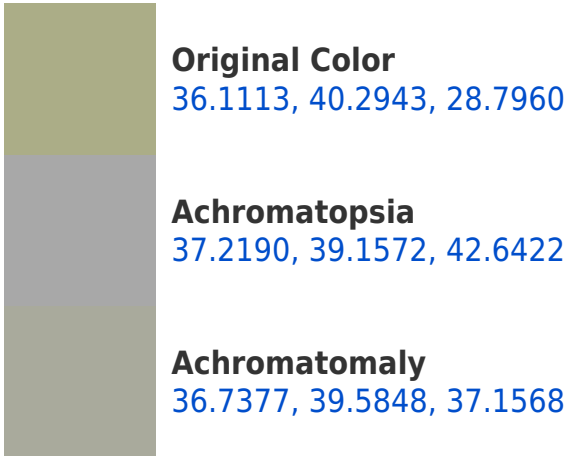
Tritanopia

40.1884, 40.2798, 48.8366

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1113, 40.2943, 28.7960 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, 173, 135) looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 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, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 135) }
```

Border

The CSS property to change the border of an element to XYZ 36.1113, 40.2943, 28.7960 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, 173, 135) }
```


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

```
.border{ border-color:rgb(171, 173, 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, 173, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1113, 40.2943, 28.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 135) }
```

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

```
.background{ background-color: rgb(171,  
173, 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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