

Converting Colors

XYZ(36.1886, 39.7971, 28.6959)

Have a look what the booklet for
XYZ(36.1886, 39.7971, 28.6959)
contains.

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Color

**XYZ(36.1697, 39.7593,
28.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAB87
RGB	173, 171, 135
RGB Percent	68%, 67%, 53%
CMY	0.3216, 0.3294, 0.4706
CMYK	0.00, 0.01, 0.22, 0.32
HSL	57°, 19%, 60%
HSV	57°, 22%, 68%
XYZ	36.1697, 39.7593, 28.6896
YIQ	167.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

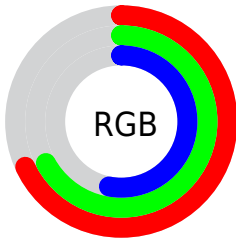
Format	Color
RYB	137, 173, 135
Decimal	11381639
CIELab	69.30, -5.33, 18.85
CIELCh	69, 19.586, 105.796
Yxy	39.7593, 0.3457, 0.3800
Android (android.graphics.Color)	4289571719 (0xFFADAB87)
YUV	167.4940, -16.0195, 4.8288
Hunter-Lab	63.0550, -7.9547, 17.1619

Details

The XYZ color **36.1697, 39.7593, 28.6896** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4802, 26.0589, 43.1697**, and the grayscale version is **37.0440, 38.9731, 42.4417**.

A 20% lighter version of the original color is **68.5866, 74.6816, 58.3770**, and **15.9822, 17.8426, 11.1959** is the 20% darker color. If you saturate the color by 10%, you get **34.8786, 38.9705, 22.7304**, and if you desaturate by 10%, it is **37.6620, 40.6332, 35.6934**.

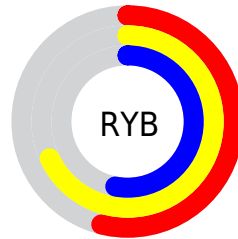
Distribution



Red (68%)

Green (67%)

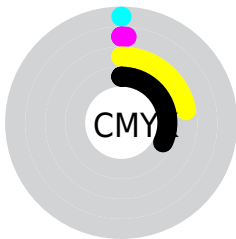
Blue (53%)



Red (54%)

Yellow (68%)

Blue (53%)

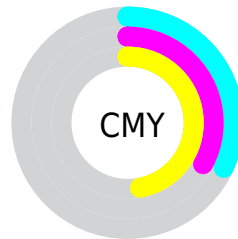


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1697, 39.7593, 28.6896 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 36.1697, 39.7593, 28.6896 by changing the saturation by 10% instead.

■ 36.1697, 39.7593,
28.6896

■ 36.1697, 39.7593,
28.6896

321.1200,
345.1080, 309.7625

■ 24.7360, 27.3509,
18.6026

■ 68.6161, 74.7968,
58.6198

■ 16.0082, 17.8370,
11.2096

■ 90.3595, 98.1948,
79.3001

■ 9.6208, 10.8330,
6.0920

■ 116.2701,
126.0247, 104.3486

■ 5.2086, 5.9546,
2.8314

146.7134,
158.6711, 134.1838

■ 2.4062, 2.8175,
1.0092

182.0547,
196.5182, 169.2243

■ 0.8482, 1.0372,
0.0000

222.6593,

■ 0.0000, 0.0000,

239.9504, 209.8885

0.0000

268.8926,
289.3522, 256.5951

■ 36.1697, 39.7593,
28.6896

■ 36.1697, 39.7593,
28.6896

■ 34.8786, 38.9705,
22.7304

■ 37.6620, 40.6332,
35.6934

■ 33.7761, 38.2576,
17.7629

■ 39.3613, 41.5905,
43.7861

■ 32.8529, 37.6183,
13.7336

■ 41.2770, 42.6363,
53.0126

■ 32.0976, 37.0480,
10.5828

■ 43.4170, 43.7736,
63.4145

■ 31.4976, 36.5417,
8.2440

■ 45.7889, 45.0056,
75.0313

■ 31.0384, 36.0937,
6.6411

■ 48.3997, 46.3351,
87.9006

■ 30.7030, 35.6970,
5.6839

■ 51.0784, 47.6937,
101.1214

■ 30.4934, 35.4036,
5.2264

■ 51.2590, 48.0549,
101.1816

■ 51.4409, 48.4186,
101.2422

Harmonies

Analogous

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



39.2914, 39.7593, 28.5951



36.1697, 39.7593, 28.6896



33.6238, 39.7593, 32.3170

Triad

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



36.1697, 39.7593, 28.6896



33.7337, 39.7593, 56.9118



43.9524, 39.7593, 47.6753

Complementary

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



36.1697, 39.7593, 28.6896



26.4802, 26.0589, 43.1697

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.



42.2869, 39.7593, 56.5048



36.1697, 39.7593, 28.6896



36.3274, 39.7593, 62.3168

Square

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



36.1697, 39.7593, 28.6896



32.2715, 39.7593, 48.1723



39.4580, 39.7593, 62.1583



43.9043, 39.7593, 38.7513

Rectangle

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



36.1697, 39.7593, 28.6896



32.5448, 39.7593, 36.5801



39.4580, 39.7593, 62.1583



43.5705, 39.7593, 50.7766

Sweetspot

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



36.1707, 39.7611, 28.6904



68.8766, 73.5825, 70.6945



30.4517, 28.0342, 27.6747



14.9313, 15.9702, 15.1866



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.



36.1707, 39.7611, 28.6904



63.6976, 70.5563, 46.3648



33.1309, 38.7581, 28.6571



8.6261, 9.2570, 8.5455



22.4150, 26.0356, 3.8440



0.6343, 0.7457, 0.1105

Inverse Universe

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



26.4802, 26.0589, 43.1697



43.4571, 41.9377, 76.6101



29.0566, 26.9697, 43.2098



7.6114, 7.8222, 10.0614



5.6271, 2.3881, 29.2089



0.1672, 0.0878, 0.8161

Previews

White Background



This preview shows how the XYZ color 36.1697, 39.7593, 28.6896 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 36.1697, 39.7593, 28.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

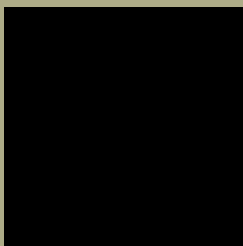
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

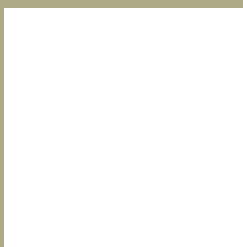
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1697, 39.7593, 28.6896

Background



This preview shows how black text looks on a background with the XYZ color 36.1697, 39.7593, 28.6896.



This preview shows how white text looks on a background with the XYZ color 36.1697, 39.7593,

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

36.1697, 39.7593, 28.6896

Protanopia

37.3134, 39.8005, 28.2699

Deuteranopia

40.4616, 39.5171, 29.1619



Tritanopia

40.0814, 39.7083, 47.6714

Trichromacy



Original Color

36.1697, 39.7593, 28.6896

Protanomaly

36.8093, 39.8178, 28.2998

Deuteranomaly

38.6381, 39.3792, 28.8571

Tritanomaly

38.4718, 39.5932, 39.7970

Monochromacy



Original Color

36.1697, 39.7593, 28.6896

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2812, 38.8068, 36.5886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1697, 39.7593, 28.6896 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(173, 171, 135)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 36.1697, 39.7593, 28.6896 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(173, 171, 135) }
```


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

```
.border{ border-color:rgb(173, 171, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 135)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 36.1697, 39.7593, 28.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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