

Converting Colors

XYZ(36.3325, 37.1660, 36.1680)

Have a look what the booklet for
XYZ(36.3325, 37.1660, 36.1680)
contains.

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Color

**XYZ(36.2923, 37.2059,
36.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA29B
RGB	174, 162, 155
RGB Percent	68%, 64%, 61%
CMY	0.3176, 0.3647, 0.3922
CMYK	0.00, 0.07, 0.11, 0.32
HSL	22°, 10%, 65%
HSV	22°, 11%, 68%
XYZ	36.2923, 37.2059, 36.2790
YIQ	164.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

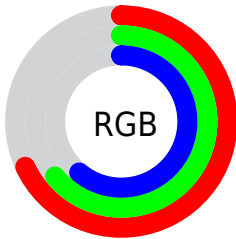
Format	Color
RYB	174, 166, 155
Decimal	11444891
CIELab	67.43, 3.12, 5.19
CIELCh	67, 6.061, 58.987
Yxy	37.2059, 0.3306, 0.3389
Android (android.graphics.Color)	4289634971 (0xFFAEA29B)
YUV	164.7900, -4.8265, 8.0772
Hunter-Lab	60.9966, -0.5387, 7.4337

Details

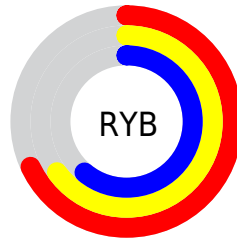
The XYZ color **36.2923, 37.2059, 36.2790** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9762, 37.6613, 45.4707**, and the grayscale version is **35.6837, 37.5420, 40.8832**.

A 20% lighter version of the original color is **68.9546, 71.0522, 70.4017**, and **16.1007, 16.2889, 15.3922** is the 20% darker color. If you saturate the color by 10%, you get **33.0838, 32.9611, 28.5121**, and if you desaturate by 10%, it is **39.8826, 41.8764, 45.2130**.

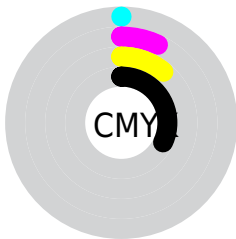
Distribution



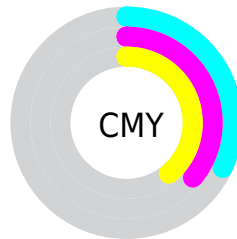
- Red (68%)
- Green (64%)
- Blue (61%)



- Red (68%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (32%)





- Cyan (32%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2923, 37.2059, 36.2790 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 36.2923, 37.2059, 36.2790 by changing the saturation by 10% instead.


 36.2923, 37.2059,
36.2790


 36.2923, 37.2059,
36.2790


321.6453,
334.2011, 345.2526

 24.8312, 25.3670,
24.3584


 68.8039, 70.8893,
70.6364

 16.0794, 16.3507,
15.3850


 90.5851, 93.5026,
93.9102

 9.6716, 9.7726,
8.9404

116.5371,
120.4762, 121.8054

 5.2423, 5.2485,
4.6061

147.0251,
152.1943, 154.7407

 2.4263, 2.3938,
1.9634

182.4146,
189.0415, 193.1345

 0.8583, 0.8227,
0.5326

223.0709,

 0.0000, 0.0000,

231.4021, 237.4054

0.0000

269.3594,
279.6605, 287.9719

■ 36.2923, 37.2059,
36.2790

■ 36.2923, 37.2059,
36.2790

■ 33.0838, 32.9611,
28.5121

■ 39.8826, 41.8764,
45.2130

■ 30.2408, 29.1250,
21.8612

■ 43.8641, 46.9794,
55.3575

■ 27.7501, 25.6863,
16.2750

■ 48.2499, 52.5277,
66.7565

■ 25.5967, 22.6316,
11.6973

■ 53.0515, 58.5321,
79.4512

■ 23.7643, 19.9464,
8.0665

■ 58.2797, 65.0030,
93.4809

■ 22.2351, 17.6155,
5.3142

■ 63.2282, 71.6636,
105.1077

■ 20.9893, 15.6222,
3.3627

■ 66.3460, 77.8993,
106.1470

■ 20.0040, 13.9481,
2.1204

■ 69.6593, 84.5259,
107.2514

■ 19.2968, 12.6808,
1.4306

■ 71.2657, 87.7388,
107.7869

Harmonies

Analogous

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



36.9502, 37.2059, 38.0798



36.2923, 37.2059, 36.2790



35.3947, 37.2059, 35.6039

Triad

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



36.2923, 37.2059, 36.2790



33.6054, 37.2059, 40.4204



36.2366, 37.2059, 45.1570

Complementary

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



36.2923, 37.2059, 36.2790



34.9762, 37.6613, 45.4707

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.



35.3315, 37.2059, 45.8492



36.2923, 37.2059, 36.2790



33.8221, 37.2059, 43.0433

Square

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



36.2923, 37.2059, 36.2790



33.8528, 37.2059, 37.9295



34.4499, 37.2059, 45.0597



36.9177, 37.2059, 43.2068

Rectangle

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



36.2923, 37.2059, 36.2790



34.7846, 37.2059, 35.8594



34.4499, 37.2059, 45.0597



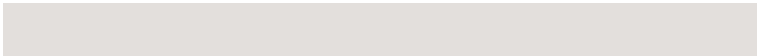
35.9480, 37.2059, 45.5482

Sweetspot

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



36.2933, 37.2075, 36.2798



70.8943, 74.0866, 78.3721



36.1555, 35.2332, 41.4709



15.6384, 16.3129, 17.1220



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.2933, 37.2075, 36.2798



64.4264, 65.6430, 62.3667



38.0236, 40.6681, 36.8566



8.2380, 8.4808, 8.4161



14.0485, 9.3026, 1.0551



0.4440, 0.3652, 0.0471

Inverse Universe

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



34.9762, 37.6613, 45.4707



61.5764, 66.6243, 82.2512



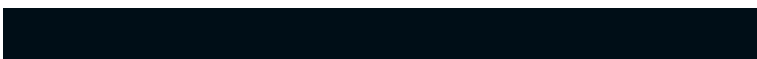
33.3055, 34.3199, 44.9138



7.9844, 8.5682, 10.1857



9.6331, 10.4001, 30.5442



0.3179, 0.3891, 0.8663

Previews

White Background



This preview shows how the XYZ color 36.2923, 37.2059, 36.2790 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 36.2923, 37.2059, 36.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

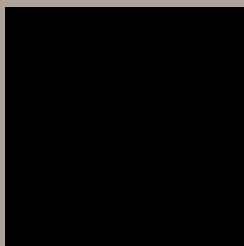
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2923, 37.2059, 36.2790

Background



This preview shows how black text looks on a background with the XYZ color 36.2923, 37.2059, 36.2790.



This preview shows how white text looks on a background with the XYZ color 36.2923, 37.2059,

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

36.2923, 37.2059, 36.2790

Protanopia

35.6384, 37.3862, 36.7904

Deuteranopia

37.9273, 37.2639, 36.6461



Tritanopia

37.7490, 37.0049, 44.1828

Trichromacy



Original Color

36.2923, 37.2059, 36.2790

Protanomaly

35.8925, 37.2526, 36.7512

Deuteranomaly

37.3939, 37.2452, 36.6707

Tritanomaly

37.1329, 37.0087, 41.2627

Monochromacy



Original Color

36.2923, 37.2059, 36.2790

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8569, 37.4490, 39.0567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2923, 37.2059, 36.2790 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(174, 162, 155)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 155)  
}
```

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(174, 162, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.2923, 37.2059, 36.2790 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(174, 162, 155) }
```


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

```
.border{ border-color:rgb(174, 162, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 155);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2923, 37.2059, 36.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 155) }
```

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

```
.background{ background-color: rgb(174,  
162, 155) }
```

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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