

Converting Colors

XYZ(34.2639, 37.2246, 24.1181)

Have a look what the booklet for
XYZ(34.2639, 37.2246, 24.1181)
contains.

XYZ(34.2639, 37.2246, 24.1181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.2639, 37.2246,
24.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA57B
RGB	173, 165, 123
RGB Percent	68%, 65%, 48%
CMY	0.3216, 0.3529, 0.5176
CMYK	0.00, 0.05, 0.29, 0.32
HSL	50°, 23%, 58%
HSV	50°, 29%, 68%
XYZ	34.2639, 37.2246, 24.1181
YIQ	162.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

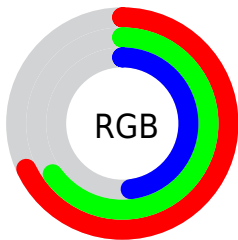
Format	Color
RYB	133, 173, 123
Decimal	11380091
CIELab	67.45, -3.83, 22.86
CIELCh	67, 23.178, 99.500
Yxy	37.2246, 0.3584, 0.3894
Android (android.graphics.Color)	4289570171 (0xFFADA57B)
YUV	162.6040, -19.5248, 9.1173
Hunter-Lab	61.0120, -6.5266, 19.2710

Details

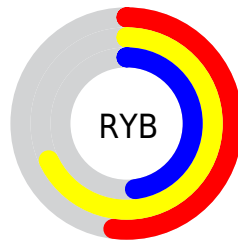
The XYZ color **34.2639, 37.2246, 24.1181** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8274, 23.4601, 42.8077**, and the grayscale version is **34.7100, 36.5176, 39.7676**.

A 20% lighter version of the original color is **65.7428, 70.9790, 51.3096**, and **14.8869, 16.2977, 8.8397** is the 20% darker color. If you saturate the color by 10%, you get **32.7820, 35.8433, 18.7451**, and if you desaturate by 10%, it is **35.9500, 38.7075, 30.5043**.

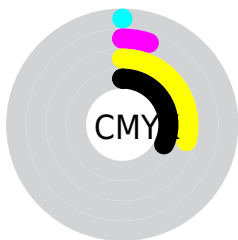
Distribution



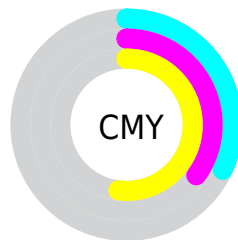
- Red (68%)
- Green (65%)
- Blue (48%)



- Red (52%)
- Yellow (68%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2639, 37.2246, 24.1181 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 34.2639, 37.2246, 24.1181 by changing the saturation by 10% instead.

■ 34.2639, 37.2246,
24.1181

■ 34.2639, 37.2246,
24.1181

312.8724,
334.2819, 286.7228

■ 23.2603, 25.3814,
15.2082

■ 65.6854, 70.9181,
51.1691

■ 14.9075, 16.3615,
8.8174

■ 86.8340, 93.5372,
70.1473

■ 8.8404, 9.7803,
4.5271

■ 112.0949,
120.5171, 93.3187

■ 4.6935, 5.2535,
1.9187

141.8336,
152.2421, 121.1019

■ 2.1015, 2.3968,
0.5046

176.4153,
189.0967, 153.9153

■ 0.6900, 0.8242,
0.0000

216.2054,

■ 0.0000, 0.0000,

231.4653, 192.1776

0.0000

261.5694,
279.7322, 236.3072

■ 34.2639, 37.2246,
24.1181

■ 34.2639, 37.2246,
24.1181

■ 32.7820, 35.8433,
18.7451

■ 35.9500, 38.7075,
30.5043

■ 31.4911, 34.5542,
14.3299

■ 37.8467, 40.2907,
37.9504

■ 30.3813, 33.3547,
10.8152

■ 39.9639, 41.9796,
46.5034

■ 29.4402, 32.2395,
8.1368

■ 42.3097, 43.7775,
56.2064

■ 28.6540, 31.2032,
6.2221

■ 44.8921, 45.6877,
67.1004

■ 28.0065, 30.2391,
4.9858

■ 47.7184, 47.7134,
79.2243

■ 27.4673, 29.3349,
4.2691

■ 50.7959, 49.8573,
92.6153

■ 27.4102, 29.2374,
4.1987

■ 53.0831, 51.7032,
101.7897

■ 53.6763, 52.8896,
101.9874

Harmonies

Analogous

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



37.8307, 37.2246, 24.8122



34.2639, 37.2246, 24.1181



31.2060, 37.2246, 27.2170

Triad

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



34.2639, 37.2246, 24.1181



30.3611, 37.2246, 54.3120



42.1822, 37.2246, 47.7858

Complementary

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



34.2639, 37.2246, 24.1181



23.8274, 23.4601, 42.8077

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.



39.9124, 37.2246, 57.6036



34.2639, 37.2246, 24.1181



33.0391, 37.2246, 61.7879

Square

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



34.2639, 37.2246, 24.1181



29.0544, 37.2246, 43.8512



36.5218, 37.2246, 63.0842



42.5649, 37.2246, 37.3833

Rectangle

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



34.2639, 37.2246, 24.1181



29.8085, 37.2246, 31.3798



36.5218, 37.2246, 63.0842



41.6077, 37.2246, 51.3085

Sweetspot

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



34.2649, 37.2263, 24.1189



67.6896, 72.0836, 67.6010



28.4363, 24.6984, 24.8604



14.6013, 15.5760, 14.2575



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.



34.2649, 37.2263, 24.1189



59.5455, 64.9893, 36.5429



32.2939, 38.4186, 24.4529



8.5520, 9.1088, 8.5208



20.1715, 21.5485, 3.0961



0.5898, 0.6568, 0.0957

Inverse Universe

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



23.8274, 23.4601, 42.8077



37.6367, 36.0990, 75.7899



25.3853, 22.7301, 42.5847



7.6785, 7.9564, 10.0837



5.8692, 2.8723, 29.2896



0.1940, 0.1413, 0.8250

Previews

White Background



This preview shows how the XYZ color 34.2639, 37.2246, 24.1181 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 34.2639, 37.2246, 24.1181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

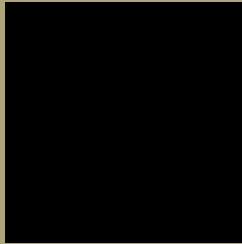
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

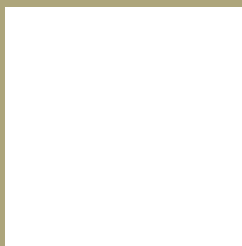
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2639, 37.2246, 24.1181

Background



This preview shows how black text looks on a background with the XYZ color 34.2639, 37.2246, 24.1181.



This preview shows how white text looks on a background with the XYZ color 34.2639, 37.2246,

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

34.2639, 37.2246, 24.1181

Protanopia

34.7551, 37.2111, 24.0896

Deuteranopia

37.7510, 36.9321, 24.5409



Tritanopia

38.3392, 37.3203, 43.7109

Trichromacy



Original Color

34.2639, 37.2246, 24.1181

Protanomaly

34.5298, 37.0949, 24.0790

Deuteranomaly

36.4586, 37.0360, 24.2959

Tritanomaly

36.7091, 37.1699, 35.8116

Monochromacy



Original Color

34.2639, 37.2246, 24.1181

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5571, 36.9045, 33.3189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2639, 37.2246, 24.1181 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, 165, 123)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 123)  
}
```

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, 165, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.2639, 37.2246, 24.1181 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, 165, 123) }
```


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

```
.border{ border-color:rgb(173, 165, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 123);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2639, 37.2246, 24.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 123) }
```

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

```
.background{ background-color: rgb(173,  
165, 123) }
```

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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