

Converting Colors

XYZ(36.2095, 39.7493, 24.8329)

Have a look what the booklet for
XYZ(36.2095, 39.7493, 24.8329)
contains.

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Color

**XYZ(36.3325, 39.9282,
24.8608)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AB7C
RGB	177, 171, 124
RGB Percent	69%, 67%, 49%
CMY	0.3059, 0.3294, 0.5137
CMYK	0.00, 0.03, 0.30, 0.31
HSL	53°, 25%, 59%
HSV	53°, 30%, 69%
XYZ	36.3325, 39.9282, 24.8608
YIQ	167.4360, 18.6630, -13.3450

Conversions

Conversions Part 2

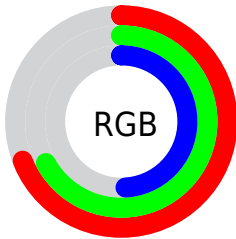
Format	Color
RYB	131, 177, 124
Decimal	11643772
CIELab	69.42, -5.31, 25.03
CIELCh	69, 25.589, 101.974
Yxy	39.9282, 0.3593, 0.3949
Android (android.graphics.Color)	4289833852 (0xFFB1AB7C)
YUV	167.4360, -21.4139, 8.3876
Hunter-Lab	63.1888, -7.9458, 20.9053

Details

The XYZ color **36.3325, 39.9282, 24.8608** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2306, 23.4241, 44.8393**, and the grayscale version is **37.0391, 38.9680, 42.4362**.

A 20% lighter version of the original color is **68.7364, 74.8907, 52.4275**, and **16.1790, 17.9867, 9.2757** is the 20% darker color. If you saturate the color by 10%, you get **34.9372, 38.7708, 19.3602**, and if you desaturate by 10%, it is **37.9366, 41.1810, 31.4232**.

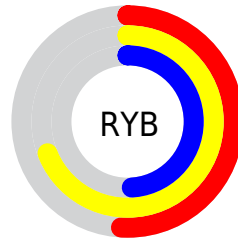
Distribution



Red (69%)

Green (67%)

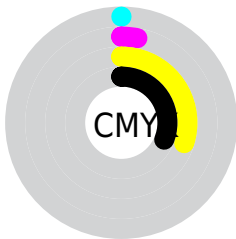
Blue (49%)



Red (51%)

Yellow (69%)

Blue (49%)

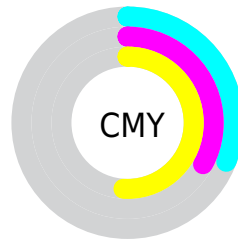


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3325, 39.9282, 24.8608 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 36.3325, 39.9282, 24.8608 by changing the saturation by 10% instead.


 36.3325, 39.9282,
24.8608


 36.3325, 39.9282,
24.8608


321.8175,
345.8209, 290.5695


 24.8624, 27.4826,
15.7553


 68.8655, 75.0542,
52.3926

 16.1028, 17.9360,
9.1987


 90.6591, 98.5033,
71.6560

 9.6882, 10.9040,
4.7724


 116.6245,
126.3890, 95.1425

 5.2534, 6.0023,
2.0580

147.1272,
159.0958, 123.2705

 2.4330, 2.8465,
0.5906

182.5325,
197.0080, 156.4587

 0.8616, 1.0521,
0.0000

223.2058,

 0.0000, 0.0000,

240.5099, 195.1256

0.0000

269.5123,
289.9861, 239.6896

■ 36.3325, 39.9282,
24.8608

■ 36.3325, 39.9282,
24.8608

■ 34.9372, 38.7708,
19.3602

■ 37.9366, 41.1810,
31.4232

■ 33.7367, 37.6991,
14.8623

■ 39.7563, 42.5279,
39.0973

■ 32.7204, 36.7102,
11.3059

■ 41.8020, 43.9745,
47.9329

■ 31.8751, 35.7987,
8.6224

■ 44.0824, 45.5242,
57.9760

■ 31.1860, 34.9587,
6.7335

■ 46.6059, 47.1804,
69.2701

■ 30.6356, 34.1832,
5.5471

■ 49.3802, 48.9464,
81.8566

■ 30.1870, 33.4573,
4.8698

■ 52.4130, 50.8252,
95.7750

■ 30.1845, 33.4532,
4.8662

■ 53.9569, 52.1178,
101.8237

■ 54.3847, 52.9735,
101.9663

Harmonies

Analogous

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



40.4523, 39.9282, 25.2899



36.3325, 39.9282, 24.8608



32.9007, 39.9282, 28.7096

Triad

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



36.3325, 39.9282, 24.8608



32.3664, 39.9282, 60.4604



45.9833, 39.9282, 50.8717

Complementary

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



36.3325, 39.9282, 24.8608



24.2306, 23.4241, 44.8393

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.



43.4924, 39.9282, 62.5932



36.3325, 39.9282, 24.8608



35.5542, 39.9282, 68.7812

Square

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



36.3325, 39.9282, 24.8608



30.7242, 39.9282, 48.3480



39.6160, 39.9282, 69.6255



46.2295, 39.9282, 38.9410

Rectangle

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



36.3325, 39.9282, 24.8608



31.3854, 39.9282, 33.6724



39.6160, 39.9282, 69.6255



45.3728, 39.9282, 55.0164

Sweetspot

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



36.3335, 39.9300, 24.8616



71.4761, 76.3637, 71.1935



29.3811, 25.3796, 24.5344



15.3831, 16.4720, 14.9722



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.



36.3335, 39.9300, 24.8616



63.3634, 70.1101, 37.7474



33.2035, 40.0360, 25.0471



9.1134, 9.7392, 9.0521



21.8976, 24.2938, 3.5350



0.7122, 0.8107, 0.1189

Inverse Universe

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



24.2306, 23.4241, 44.8393



38.1504, 35.7301, 79.3812



26.7009, 23.5480, 44.7331



8.1168, 8.3799, 10.6960



5.9550, 2.7104, 30.3463



0.2122, 0.1350, 0.9631

Previews

White Background



This preview shows how the XYZ color 36.3325, 39.9282, 24.8608 looks on a white background.

Color Contrast Check

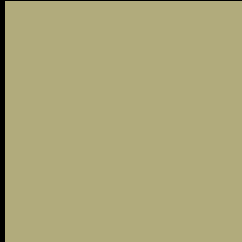
Large Text (above 18pt) WCAG AA × Fail

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 36.3325, 39.9282, 24.8608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

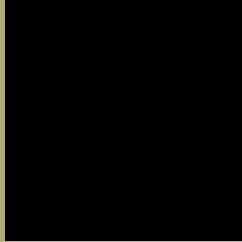
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3325, 39.9282, 24.8608

Background



This preview shows how black text looks on a background with the XYZ color 36.3325, 39.9282, 24.8608.



This preview shows how white text looks on a background with the XYZ color 36.3325, 39.9282,

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

36.3325, 39.9282, 24.8608

Protanopia

37.0545, 39.7511, 24.4586

Deuteranopia

40.5056, 39.6264, 25.2524



Tritanopia

40.7397, 39.7925, 47.1285

Trichromacy



Original Color

36.3325, 39.9282, 24.8608

Protanomaly

36.7723, 39.8828, 24.4989

Deuteranomaly

38.8950, 39.5974, 24.9951

Tritanomaly

39.0463, 39.9298, 37.9970

Monochromacy



Original Color

36.3325, 39.9282, 24.8608

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.3831, 38.8976, 34.8685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3325, 39.9282, 24.8608 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(177, 171, 124)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 124)  
}
```

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(177, 171, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 124) }
```

Border

The CSS property to change the border of an element to XYZ 36.3325, 39.9282, 24.8608 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(177, 171, 124) }
```


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

```
.border{ border-color:rgb(177, 171, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 171, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3325, 39.9282, 24.8608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 124) }
```

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

```
.background{ background-color: rgb(177,  
171, 124) }
```

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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