

Converting Colors

XYZ(39.0634, 32.8292, 12.0627)

Have a look what the booklet for
XYZ(39.0634, 32.8292, 12.0627)
contains.

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Color

**XYZ(39.0626, 32.8275,
12.0621)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8751
RGB	218, 135, 81
RGB Percent	85%, 53%, 32%
CMY	0.1451, 0.4706, 0.6823
CMYK	0.00, 0.38, 0.63, 0.15
HSL	24°, 65%, 59%
HSV	24°, 63%, 85%
XYZ	39.0626, 32.8275, 12.0621
YIQ	153.6610, 66.8020, 0.8020

Conversions

Conversions Part 2

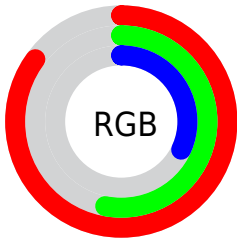
Format	Color
R _Y B	218, 170, 81
Decimal	14321489
CIE Lab	64.02, 26.83, 41.91
CIE LCh	64, 49.763, 57.379
Yxy	32.8275, 0.4653, 0.3910
Android (android.graphics.Color)	4292511569 (0xFFDA8751)
YUV	153.6610, -35.8219, 56.4253
Hunter-Lab	57.2953, 21.4304, 27.6247

Details

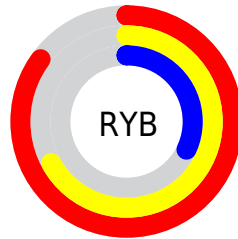
The XYZ color **39.0626, 32.8275, 12.0621** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **29.3227, 33.3603, 71.2229**, and the grayscale version is **30.6989, 32.2976, 35.1721**.

A 20% lighter version of the original color is **63.6025, 59.3211, 29.9277**, and **17.7429, 13.8214, 3.1715** is the 20% darker color. If you saturate the color by 10%, you get **36.6429, 29.0932, 7.8494**, and if you desaturate by 10%, it is **41.9748, 37.1273, 17.7338**.

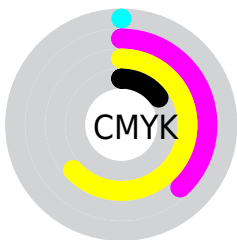
Distribution



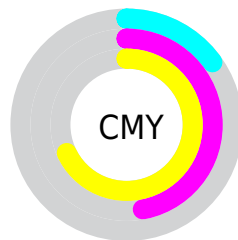
- Red (85%)
- Green (53%)
- Blue (32%)



- Red (85%)
- Yellow (67%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (15%)





- Cyan (15%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0626, 32.8275, 12.0621 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 39.0626, 32.8275, 12.0621 by changing the saturation by 10% instead.


 39.0626, 32.8275,
12.0621


 39.0626, 32.8275,
12.0621


333.3591,
314.8717, 215.8085


 26.9894, 21.9943,
6.6629


 73.0274, 64.1061,
30.2742

 17.7018, 13.8527,
3.1770


 95.6497, 85.3204,
43.9243


 10.8345, 8.0183,
1.1857


 122.5190,
110.7638, 61.1617

 6.0221, 4.1067,
0.0000

 154.0008,
140.8207, 82.4051

 2.8993, 1.7334,
0.0000

 190.4603,
175.8756, 108.0729

 1.1007, 0.4451,
0.0000

232.2630,

 0.0257, 0.0000,

216.3128, 138.5837

0.0000

279.7742,
262.5167, 174.3560

■ 0.0000, 0.0000,
0.0000

■ 39.0626, 32.8275,
12.0621

■ 39.0626, 32.8275,
12.0621

■ 36.6429, 29.0932,
7.8494

■ 41.9748, 37.1273,
17.7338

■ 34.6789, 25.8922,
4.9534

■ 45.4077, 42.0123,
24.9848

■ 33.1310, 23.1960,
3.2058

■ 49.3900, 47.5075,
33.9249

■ 32.2359, 21.5507,
2.4607

■ 53.9472, 53.6346,
44.6534

■ 59.1032, 60.4142,
57.2620

■ 64.8803, 67.8658,
71.8358

■ 71.2998, 76.0081,
88.4549

■ 78.3171, 84.8331,
106.8544

■ 82.3617, 92.9223,
108.2026

Harmonies

Analogous

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



44.7955, 32.8275, 20.7444



39.0626, 32.8275, 12.0621



31.8232, 32.8275, 9.3565

Triad

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



39.0626, 32.8275, 12.0621



19.5619, 32.8275, 34.0038



37.8331, 32.8275, 82.2619

Complementary

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



39.0626, 32.8275, 12.0621



29.3227, 33.3603, 71.2229

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.



30.5880, 32.8275, 89.9723



39.0626, 32.8275, 12.0621



20.6803, 32.8275, 56.6430

Square

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



39.0626, 32.8275, 12.0621



21.1533, 32.8275, 18.6850



24.4729, 32.8275, 79.2170



44.0141, 32.8275, 60.9101

Rectangle

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



39.0626, 32.8275, 12.0621



27.3392, 32.8275, 10.0803



24.4729, 32.8275, 79.2170



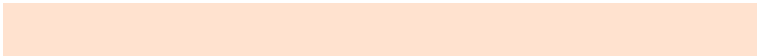
35.4116, 32.8275, 86.8178

Sweetspot

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



39.0634, 32.8292, 12.0627



79.5486, 79.9451, 69.9817



38.6914, 23.5247, 38.3299



16.5873, 16.5304, 13.9151



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.0634, 32.8292, 12.0627



51.4114, 40.1335, 9.8501



51.5228, 57.7481, 16.2159



13.4750, 13.8894, 13.6963



19.4108, 13.1072, 1.5069



1.3400, 1.0142, 0.1251

Inverse Universe

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



29.3227, 33.3603, 71.2229



36.3905, 40.7864, 100.5623



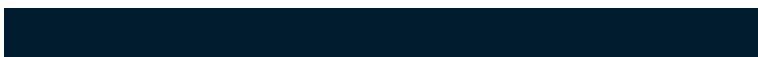
20.3216, 15.3579, 68.2225



12.9917, 13.9231, 16.6548



12.6378, 13.1450, 41.6096



0.9018, 1.0178, 2.7234

Previews

White Background



This preview shows how the XYZ color 39.0626, 32.8275, 12.0621 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 39.0626, 32.8275, 12.0621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

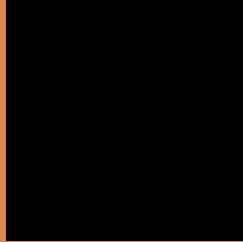
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0626, 32.8275, 12.0621

Background



This preview shows how black text looks on a background with the XYZ color 39.0626, 32.8275, 12.0621.



This preview shows how white text looks on a background with the XYZ color 39.0626, 32.8275,

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

39.0626, 32.8275, 12.0621

Protanopia

30.4445, 33.1394, 14.0245

Deuteranopia

33.4509, 32.8062, 11.7769



Tritanopia

42.4308, 32.8029, 28.1400

Trichromacy



Original Color

39.0626, 32.8275, 12.0621

Protanomaly

32.9686, 32.5271, 13.1350

Deuteranomaly

35.3211, 32.6269, 11.8331

Tritanomaly

41.1460, 32.8891, 21.0092

Monochromacy



Original Color

39.0626, 32.8275, 12.0621

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.3959, 31.7469, 24.4990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0626, 32.8275, 12.0621 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(218, 135, 81)` looks like.

```
.text, #text, p{  
    color:rgb(218, 135, 81)  
}
```

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(218, 135, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 135, 81) }
```

Border

The CSS property to change the border of an element to XYZ 39.0626, 32.8275, 12.0621 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(218, 135, 81) }
```


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

```
.border{ border-color:rgb(218, 135, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 135, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 135, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 135, 81);  
box-shadow:4px 4px 4px 4px rgb(218, 135,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0626, 32.8275, 12.0621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 135, 81) }
```

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

```
.background{ background-color: rgb(218,  
135, 81) }
```

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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