

Converting Colors

XYZ(39.4503, 33.7919, 19.6141)

Have a look what the booklet for
XYZ(39.4503, 33.7919, 19.6141)
contains.

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Color

**XYZ(39.2532, 33.6100,
19.4574)**

Conversions

Conversions Part 1

Format	Color
Hex	D48B6F
RGB	212, 139, 111
RGB Percent	83%, 55%, 44%
CMY	0.1686, 0.4549, 0.5647
CMYK	0.00, 0.34, 0.48, 0.17
HSL	17°, 54%, 63%
HSV	17°, 48%, 83%
XYZ	39.2532, 33.6100, 19.4574
YIQ	157.6350, 52.4960, 6.7680

Conversions

Conversions Part 2

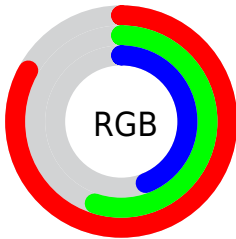
Format	Color
R _Y B	212, 150, 111
Decimal	13929327
CIE Lab	64.65, 24.71, 26.40
CIE LCh	65, 36.163, 46.896
Yxy	33.6100, 0.4252, 0.3641
Android (android.graphics.Color)	4292119407 (0xFFD48B6F)
YUV	157.6350, -22.9911, 47.6781
Hunter-Lab	57.9741, 19.4043, 20.6829

Details

The XYZ color **39.2532, 33.6100, 19.4574** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.5787, 42.4118, 68.5982**, and the grayscale version is **32.4190, 34.1073, 37.1429**.

A 20% lighter version of the original color is **66.9208, 62.0443, 43.0990**, and **17.7134, 14.2084, 6.5115** is the 20% darker color. If you saturate the color by 10%, you get **36.1564, 29.0681, 13.3336**, and if you desaturate by 10%, it is **42.9396, 38.8879, 27.1450**.

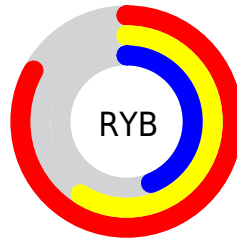
Distribution



Red (83%)

Green (55%)

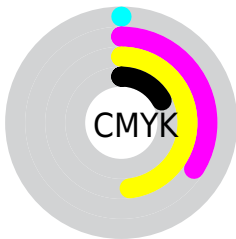
Blue (44%)



Red (83%)

Yellow (59%)

Blue (44%)

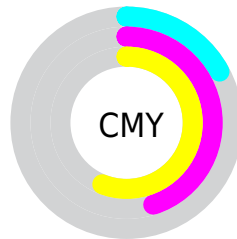


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2532, 33.6100, 19.4574 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 39.2532, 33.6100, 19.4574 by changing the saturation by 10% instead.


 39.2532, 33.6100,
19.4574


 39.2532, 33.6100,
19.4574


334.1544,
318.3895, 261.4687


 27.1384, 22.5942,
11.8211


 73.3166, 65.3267,
43.3525


 17.8143, 14.2941,
6.5009


 95.9958, 86.7964,
60.4484

 10.9156, 8.3255,
3.0783


 122.9272,
112.5195, 81.5346

 6.0770, 4.3039,
1.1348

 154.4762,
142.8803, 107.0296

 2.9331, 1.8450,
0.0000

191.0080,
178.2634, 137.3520

 1.1185, 0.5150,
0.0000

232.8881,

 0.0405, 0.0000,

219.0530, 172.9203

0.0000

280.4818,
265.6336, 214.1530

■ 0.0000, 0.0000,
0.0000

■ 39.2532, 33.6100,
19.4574

■ 39.2532, 33.6100,
19.4574

■ 36.1564, 29.0681,
13.3336

■ 42.9396, 38.8879,
27.1450

■ 33.6140, 25.2235,
8.6625

■ 47.2433, 44.9283,
36.4930

■ 31.5904, 22.0414,
5.3214


■ 52.1928, 51.7622,
47.5925


■ 30.0445, 19.4815,
3.1659

■ 57.8145, 59.4176,
60.5275


■ 28.9230, 17.4966,
1.9964

■ 64.1329, 67.9210,
75.3762

 28.7041, 17.1027,
1.7883

 71.1713, 77.2977,
92.2126

 78.2354, 87.2852,
107.3320

 80.9612, 92.7370,
108.2407

Harmonies

Analogous

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



42.4652, 33.6100, 28.9089



39.2532, 33.6100, 19.4574



34.2592, 33.6100, 15.2365

Triad

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



39.2532, 33.6100, 19.4574



23.1861, 33.6100, 30.4967



34.9312, 33.6100, 71.2760

Complementary

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



39.2532, 33.6100, 19.4574



35.5787, 42.4118, 68.5982

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.



29.7380, 33.6100, 72.0414



39.2532, 33.6100, 19.4574



23.3243, 33.6100, 45.5367

Square

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



39.2532, 33.6100, 19.4574



25.2054, 33.6100, 20.3475



25.6058, 33.6100, 61.6499



39.7908, 33.6100, 59.7775

Rectangle

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



39.2532, 33.6100, 19.4574



30.7632, 33.6100, 14.9391



25.6058, 33.6100, 61.6499



33.1573, 33.6100, 72.8880

Sweetspot

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



39.2540, 33.6117, 19.4580



82.1401, 82.5390, 78.8275



41.5998, 28.8717, 49.3161



17.1955, 17.1395, 15.9899



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.



39.2540, 33.6117, 19.4580



54.9342, 44.1757, 20.2836



48.0965, 51.2965, 22.4055



12.7008, 12.9757, 12.9959



17.7934, 10.7041, 1.1283



1.1427, 0.7846, 0.0912

Inverse Universe

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



35.5787, 42.4118, 68.5982



48.6604, 58.9595, 103.4234



27.0430, 25.3405, 65.7529



12.4876, 13.4985, 15.8848



14.4786, 17.2191, 41.0137



0.9411, 1.1743, 2.4964

Previews

White Background



This preview shows how the XYZ color 39.2532, 33.6100, 19.4574 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 39.2532, 33.6100, 19.4574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

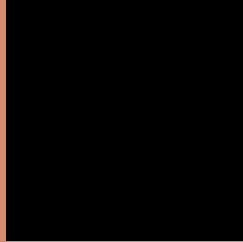
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2532, 33.6100, 19.4574

Background



This preview shows how black text looks on a background with the XYZ color 39.2532, 33.6100, 19.4574.



This preview shows how white text looks on a background with the XYZ color 39.2532, 33.6100,

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

39.2532, 33.6100, 19.4574

Protanopia

31.5352, 33.7707, 22.3091

Deuteranopia

34.4057, 33.6082, 19.1417



Tritanopia

41.5835, 33.5109, 30.6621

Trichromacy



Original Color

39.2532, 33.6100, 19.4574

Protanomaly

33.8259, 33.2640, 21.1608

Deuteranomaly

36.1193, 33.5539, 19.3247

Tritanomaly

40.7006, 33.5704, 26.1644

Monochromacy



Original Color

39.2532, 33.6100, 19.4574

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.2344, 33.5213, 29.8652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2532, 33.6100, 19.4574 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(212, 139, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 139, 111)  
}
```

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(212, 139, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 139, 111) }
```

Border

The CSS property to change the border of an element to XYZ 39.2532, 33.6100, 19.4574 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(212, 139, 111) }
```


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

```
.border{ border-color:rgb(212, 139, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 139, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 139, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 139, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 139,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2532, 33.6100, 19.4574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 139, 111) }
```

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

```
.background{ background-color: rgb(212,  
139, 111) }
```

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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