

Converting Colors

XYZ(40.0080, 35.5384, 19.2960)

Have a look what the booklet for
XYZ(40.0080, 35.5384, 19.2960)
contains.

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Color

**XYZ(39.9032, 35.5108,
19.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	D3926D
RGB	211, 146, 109
RGB Percent	83%, 57%, 43%
CMY	0.1725, 0.4274, 0.5725
CMYK	0.00, 0.31, 0.48, 0.17
HSL	22°, 54%, 63%
HSV	22°, 48%, 83%
XYZ	39.9032, 35.5108, 19.2191
YIQ	161.2170, 50.6170, 2.2730

Conversions

Conversions Part 2

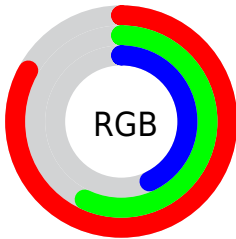
Format	Color
R _Y B	211, 167, 109
Decimal	13865581
CIE Lab	66.14, 20.32, 29.44
CIE LCh	66, 35.771, 55.383
Yxy	35.5108, 0.4217, 0.3752
Android (android.graphics.Color)	4292055661 (0xFFD3926D)
YUV	161.2170, -25.7430, 43.6597
Hunter-Lab	59.5909, 15.2428, 22.5916

Details

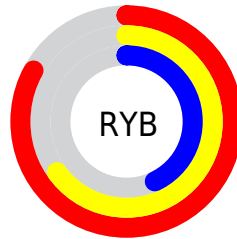
The XYZ color **39.9032, 35.5108, 19.2191** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.1999, 38.2248, 67.2562**, and the grayscale version is **34.0775, 35.8522, 39.0431**.

A 20% lighter version of the original color is **68.3273, 65.1418, 42.6906**, and **18.2609, 15.3914, 6.4233** is the 20% darker color. If you saturate the color by 10%, you get **36.9488, 31.2068, 13.2872**, and if you desaturate by 10%, it is **43.3758, 40.4149, 26.6694**.

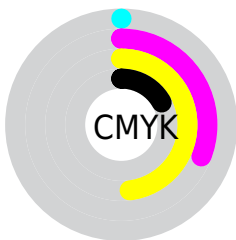
Distribution



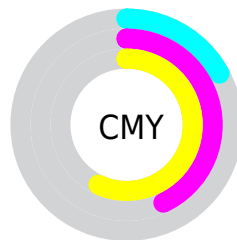
- Red (83%)
- Green (57%)
- Blue (43%)



- Red (83%)
- Yellow (65%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9032, 35.5108, 19.2191 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 39.9032, 35.5108, 19.2191 by changing the saturation by 10% instead.


 39.9032, 35.5108,
19.2191


 39.9032, 35.5108,
19.2191


336.8568,
326.8173, 260.1186


 27.6470, 24.0566,
11.6503

 74.3014, 68.2763,
42.9456


 18.1988, 15.3756,
6.3864


 97.1740, 90.3565,
59.9404

 11.1934, 9.0834,
3.0089


 124.3161,
116.7474, 80.9143

 6.2653, 4.7956,
1.0992

 156.0931,
147.8334, 106.2857

 3.0492, 2.1279,
0.0000

192.8703,
183.9991, 136.4734

 1.1799, 0.6802,
0.0000

235.0131,

 0.0904, 0.0000,

225.6286, 171.8957

0.0000

282.8868,
273.1066, 212.9712

0.0000, 0.0000,
0.0000

39.9032, 35.5108,
19.2191

39.9032, 35.5108,
19.2191

36.9488, 31.2068,
13.2872

43.3758, 40.4149,
26.6694

34.4817, 27.4729,
8.7644

47.3898, 45.9370,
35.7329

32.4713, 24.2841,
5.5299


51.9701, 52.1006,
46.4989


30.8818, 21.6108,
3.4410


57.1391, 58.9265,
59.0495


29.6633, 19.4169,
2.2849


62.9180, 66.4343,
73.4614

 29.4864, 19.0938,
2.1314

 69.3269, 74.6429,
89.8070

 76.1097, 83.4603,
106.7058

 80.2182, 91.6774,
108.0753

 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



43.8633, 35.5108, 27.4173



39.9032, 35.5108, 19.2191



34.5821, 35.5108, 16.1980

Triad

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



39.9032, 35.5108, 19.2191



24.5478, 35.5108, 36.3546



38.3297, 35.5108, 71.6331

Complementary

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



39.9032, 35.5108, 19.2191



33.1999, 38.2248, 67.2562

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.



32.9352, 35.5108, 75.8355



39.9032, 35.5108, 19.2191



25.3278, 35.5108, 52.6326

Square

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



39.9032, 35.5108, 19.2191



26.0138, 35.5108, 24.2958



28.2678, 35.5108, 68.1343



42.8899, 35.5108, 57.8107

Rectangle

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



39.9032, 35.5108, 19.2191



31.1104, 35.5108, 16.7383



28.2678, 35.5108, 68.1343



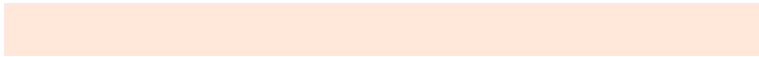
36.5389, 35.5108, 74.3497

Sweetspot

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



39.9041, 35.5125, 19.2198



82.2035, 83.1999, 77.2019



40.1001, 27.8934, 43.9827



17.2451, 17.3438, 15.6824



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.



39.9041, 35.5125, 19.2198



56.6016, 47.7286, 20.1668



49.2967, 54.2977, 22.3506



12.1548, 12.5004, 12.3842



17.8842, 11.7015, 1.3160



1.0745, 0.8034, 0.0984

Inverse Universe

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



33.1999, 38.2248, 67.2562



45.0921, 52.2853, 102.3232



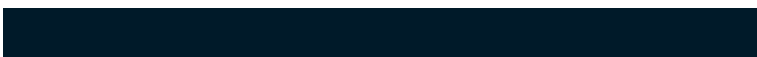
25.3101, 22.4453, 64.6263



11.7827, 12.6556, 15.0654



12.3788, 13.4042, 39.1273



0.7661, 0.8974, 2.2124

Previews

White Background



This preview shows how the XYZ color 39.9032, 35.5108, 19.2191 looks on a white background.

Color Contrast Check

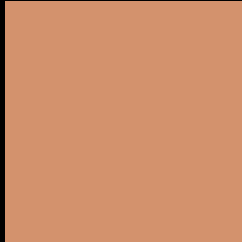
Large Text (above 18pt) WCAG AA × Fail

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 39.9032, 35.5108, 19.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

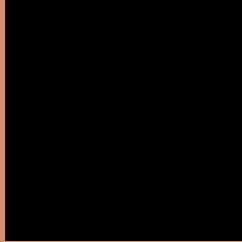
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9032, 35.5108, 19.2191

Background



This preview shows how black text looks on a background with the XYZ color 39.9032, 35.5108, 19.2191.



This preview shows how white text looks on a background with the XYZ color 39.9032, 35.5108,

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

39.9032, 35.5108, 19.2191

Protanopia

33.2949, 35.7262, 21.3607

Deuteranopia

36.2018, 35.5102, 18.8560



Tritanopia

42.9883, 35.4376, 33.8526

Trichromacy



Original Color

39.9032, 35.5108, 19.2191

Protanomaly

35.3626, 35.5340, 20.6177

Deuteranomaly

37.5928, 35.4953, 19.0573

Tritanomaly

41.8485, 35.4197, 27.9236

Monochromacy



Original Color

39.9032, 35.5108, 19.2191

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.3614, 35.3136, 30.5437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9032, 35.5108, 19.2191 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(211, 146, 109)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 109)  
}
```

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(211, 146, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 109) }
```

Border

The CSS property to change the border of an element to XYZ 39.9032, 35.5108, 19.2191 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(211, 146, 109) }
```


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

```
.border{ border-color:rgb(211, 146, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 109);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9032, 35.5108, 19.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 109) }
```

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

```
.background{ background-color: rgb(211,  
146, 109) }
```

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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