

Converting Colors

XYZ(39.6279, 35.1262, 18.7123)

Have a look what the booklet for
XYZ(39.6279, 35.1262, 18.7123)
contains.

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Color

**XYZ(39.6432, 35.1612,
18.6073)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D3916B |
| RGB | 211, 145, 107 |
| RGB Percent | 83%, 57%, 42% |
| CMY | 0.1726, 0.4314, 0.5804 |
| CMYK | 0.00, 0.31, 0.49, 0.17 |
| HSL | 22°, 54%, 62% |
| HSV | 22°, 49%, 83% |
| XYZ | 39.6432, 35.1612, 18.6073 |
| YIQ | 160.4020, 51.5340, 2.1740 |

Conversions

Conversions Part 2

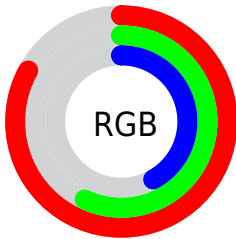
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 211, 167, 107 |
| Decimal | 13865323 |
| CIE Lab | 65.87, 20.67, 30.18 |
| CIE LCh | 66, 36.577, 55.586 |
| Yxy | 35.1612, 0.4244, 0.3764 |
| Android (android.graphics.Color) | 4292055403 (0xFFD3916B) |
| YUV | 160.4020, -26.3272, 44.3744 |
| Hunter-Lab | 59.2969, 15.5674, 22.9027 |

Details

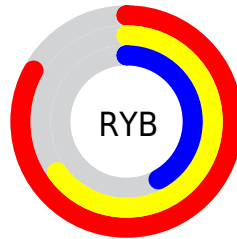
The XYZ color **39.6432, 35.1612, 18.6073** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.7641, 37.7145, 67.1806**, and the grayscale version is **33.7012, 35.4562, 38.6119**.

A 20% lighter version of the original color is **67.9214, 64.6101, 41.6920**, and **18.1185, 15.1912, 6.1149** is the 20% darker color. If you saturate the color by 10%, you get **36.7389, 30.9178, 12.8147**, and if you desaturate by 10%, it is **43.0612, 39.9987, 25.9081**.

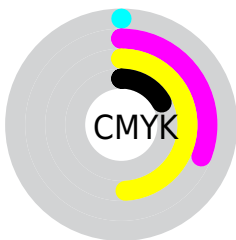
Distribution



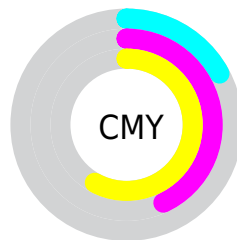
- Red (83%)
- Green (57%)
- Blue (42%)



- Red (83%)
- Yellow (65%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6432, 35.1612, 18.6073 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 39.6432, 35.1612, 18.6073 by changing the saturation by 10% instead.


 39.6432, 35.1612,
18.6073


 39.6432, 35.1612,
18.6073


335.7777,
325.2793, 256.6222


 27.4434, 23.7871,
11.2129


 73.9077, 67.7354,
41.8973


 18.0448, 15.1757,
6.0943


 96.7031, 89.7043,
58.6300

 11.0821, 8.9428,
2.8328


 123.7611,
115.9736, 79.3126

 6.1898, 4.7039,
1.0099

 155.4471,
146.9276, 104.3635

 3.0026, 2.0746,
0.0000

192.1264,
182.9508, 134.2014

 1.1551, 0.6503,
0.0000

234.1644,

 0.0705, 0.0000,

224.4275, 169.2448

0.0000

281.9263,
271.7422, 209.9123

■ 0.0000, 0.0000,
0.0000

■ 39.6432, 35.1612,
18.6073

■ 39.6432, 35.1612,
18.6073

■ 36.7389, 30.9178,
12.8147

■ 43.0612, 39.9987,
25.9081

■ 34.3175, 27.2386,
8.4198

■ 47.0163, 45.4483,
34.8125

■ 32.3480, 24.0985,
5.3001


■ 51.5335, 51.5332,
45.4107

■ 30.7941, 21.4681,
3.3106


■ 56.6352, 58.2742,
57.7852


■ 29.6007, 19.3093,
2.2101


■ 62.3425, 65.6909,
72.0133

 29.5252, 19.1714,
2.1443

 68.6757, 73.8020,
88.1675

 75.6537, 82.6254,
106.3167

 79.7622, 90.7655,
107.9233

 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



43.6955, 35.1612, 26.8166



39.6432, 35.1612, 18.6073



34.2257, 35.1612, 15.6181

Triad

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



39.6432, 35.1612, 18.6073



24.0929, 35.1612, 36.0398



38.1113, 35.1612, 71.8879

Complementary

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



39.6432, 35.1612, 18.6073



32.7641, 37.7145, 67.1806

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.



32.6264, 35.1612, 76.2822



39.6432, 35.1612, 18.6073



24.8962, 35.1612, 52.6291

Square

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



39.6432, 35.1612, 18.6073



25.5591, 35.1612, 23.8081



27.8841, 35.1612, 68.4583



42.7463, 35.1612, 57.6871

Rectangle

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



39.6432, 35.1612, 18.6073



30.7046, 35.1612, 16.1781



27.8841, 35.1612, 68.4583



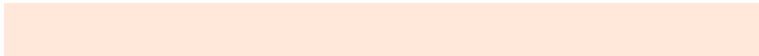
36.2902, 35.1612, 74.7001

Sweetspot

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



39.6441, 35.1629, 18.6080



82.2316, 83.2563, 77.2113



39.8204, 27.4440, 43.5504



17.2518, 17.3573, 15.6847



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.



39.6441, 35.1629, 18.6080



56.2560, 47.2493, 19.3987



49.1227, 54.1201, 21.7675



12.1574, 12.5055, 12.3851



17.9081, 11.7491, 1.3240



1.0760, 0.8064, 0.0989

Inverse Universe

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



32.7641, 37.7145, 67.1806



44.4821, 51.5143, 102.2065



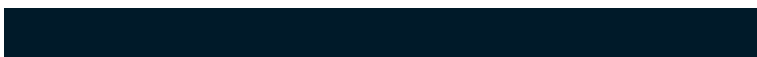
24.8550, 21.8962, 64.5442



11.7800, 12.6503, 15.0645



12.3325, 13.3117, 39.1119



0.7637, 0.8926, 2.2116

Previews

White Background



This preview shows how the XYZ color 39.6432, 35.1612, 18.6073 looks on a white background.

Color Contrast Check

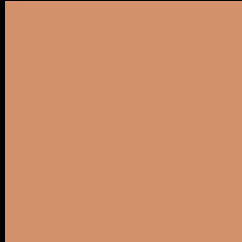
Large Text (above 18pt) WCAG AA × Fail

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 39.6432, 35.1612, 18.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

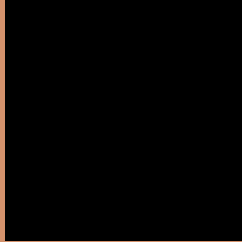
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6432, 35.1612, 18.6073

Background



This preview shows how black text looks on a background with the XYZ color 39.6432, 35.1612, 18.6073.



This preview shows how white text looks on a background with the XYZ color 39.6432, 35.1612,

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

39.6432, 35.1612, 18.6073

Protanopia

32.7850, 35.2181, 20.6926

Deuteranopia

35.9334, 35.1398, 18.2534



Tritanopia

42.7620, 35.1143, 33.3781

Trichromacy



Original Color

39.6432, 35.1612, 18.6073

Protanomaly

35.0841, 35.1552, 19.9754

Deuteranomaly

37.3273, 35.1327, 18.4496

Tritanomaly

41.5595, 35.0671, 27.1325

Monochromacy



Original Color

39.6432, 35.1612, 18.6073

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.1195, 34.9495, 30.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6432, 35.1612, 18.6073 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, 145, 107)` looks like.

```
.text, #text, p{  
    color:rgb(211, 145, 107)  
}
```

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, 145, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 145, 107) }
```

Border

The CSS property to change the border of an element to XYZ 39.6432, 35.1612, 18.6073 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, 145, 107) }
```


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

```
.border{ border-color:rgb(211, 145, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 145, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 145, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 145, 107);  
box-shadow:4px 4px 4px 4px rgb(211, 145,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6432, 35.1612, 18.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 145, 107) }
```

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

```
.background{ background-color: rgb(211,  
145, 107) }
```

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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