

Converting Colors

XYZ(41.0780, 37.9339, 22.0162)

Have a look what the booklet for
XYZ(41.0780, 37.9339, 22.0162)
contains.

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Color

**XYZ(41.0610, 37.9509,
21.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	D19A75
RGB	209, 154, 117
RGB Percent	82%, 60%, 46%
CMY	0.1804, 0.3961, 0.5412
CMYK	0.00, 0.26, 0.44, 0.18
HSL	24°, 50%, 64%
HSV	24°, 44%, 82%
XYZ	41.0610, 37.9509, 21.9907
YIQ	166.2270, 44.6570, 0.1530

Conversions

Conversions Part 2

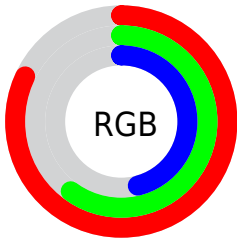
Format	Color
R _{YB}	209, 179, 117
Decimal	13736565
CIE Lab	67.98, 15.98, 27.46
CIE LCh	68, 31.768, 59.807
Yxy	37.9509, 0.4065, 0.3757
Android (android.graphics.Color)	4291926645 (0xFFD19A75)
YUV	166.2270, -24.2689, 37.5119
Hunter-Lab	61.6043, 11.1677, 21.9584

Details

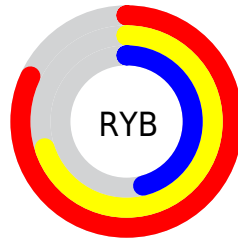
The XYZ color **41.0610, 37.9509, 21.9907** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.5966, 37.8888, 65.8641**, and the grayscale version is **36.4548, 38.3533, 41.7667**.

A 20% lighter version of the original color is **70.9573, 69.2363, 47.1602**, and **18.8425, 16.7933, 7.7172** is the 20% darker color. If you saturate the color by 10%, you get **38.0110, 33.6028, 15.5734**, and if you desaturate by 10%, it is **44.6019, 42.8416, 29.9258**.

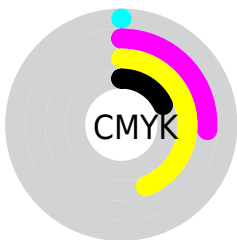
Distribution



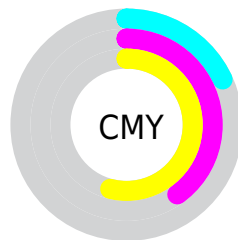
- Red (82%)
- Green (60%)
- Blue (46%)



- Red (82%)
- Yellow (70%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0610, 37.9509, 21.9907 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 41.0610, 37.9509, 21.9907 by changing the saturation by 10% instead.

41.0610, 37.9509,
21.9907

41.0610, 37.9509,
21.9907

341.6337,
337.4093, 275.4496

28.5546, 25.9446,
13.6518

76.0506, 72.0329,
47.6326

18.8868, 16.7822,
7.7429

99.2646, 94.8773,
65.7727

11.6920, 10.0793,
3.8455

126.7784,
122.1033, 88.0170

6.6050, 5.4516,
1.5410

158.9575,
154.0951, 114.7840

3.2604, 2.5146,
0.2482

196.1673,
191.2372, 146.4922

1.2929, 0.8839,
0.0000

238.7730,

0.1779, 0.0000,

233.9140, 183.5602

0.0000

287.1400,
282.5099, 226.4065

■ 0.0000, 0.0000,
0.0000

■ 41.0610, 37.9509,
21.9907

■ 41.0610, 37.9509,
21.9907

■ 38.0110, 33.6028,
15.5734

■ 44.6019, 42.8416,
29.9258

■ 35.4241, 29.7715,
10.5722

■ 48.6538, 48.2888,
39.4669

■ 33.2735, 26.4367,
6.8763


■ 53.2392, 54.3123,
50.6980


■ 31.5281, 23.5744,
4.3571


■ 58.3782, 60.9295,
63.6965


■ 30.1512, 21.1576,
2.8588


■ 64.0897, 68.1569,
78.5350

 29.4699, 19.9061,
2.2890

 70.3918, 76.0102,
95.2821

 75.9360, 83.9584,
106.8111

 79.7714, 91.6292,
108.0896

 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



44.9547, 37.9509, 29.2239



41.0610, 37.9509, 21.9907



36.1033, 37.9509, 19.6556

Triad

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



41.0610, 37.9509, 21.9907



27.3838, 37.9509, 41.2303



41.0005, 37.9509, 69.6986

Complementary

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



41.0610, 37.9509, 21.9907



33.5966, 37.8888, 65.8641

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.



36.0391, 37.9509, 74.9218



41.0610, 37.9509, 21.9907



28.4426, 37.9509, 56.3688

Square

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



41.0610, 37.9509, 21.9907



28.4700, 37.9509, 29.0978



31.5029, 37.9509, 69.5686



44.9175, 37.9509, 56.5646

Rectangle

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



41.0610, 37.9509, 21.9907



32.9481, 37.9509, 20.6523



31.5029, 37.9509, 69.5686



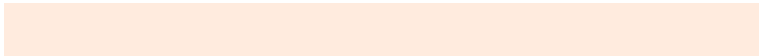
39.3856, 37.9509, 72.5551

Sweetspot

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



41.0619, 37.9527, 21.9915



84.1657, 86.0479, 81.1748



40.1216, 29.2645, 42.6647



17.6518, 17.9454, 16.4710



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.



41.0619, 37.9527, 21.9915



59.7979, 52.9661, 24.7934



50.1134, 56.0556, 25.0086



12.1935, 12.5776, 12.3971



18.2611, 12.4552, 1.4416



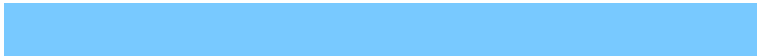
1.0979, 0.8502, 0.1062

Inverse Universe

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



33.5966, 37.8888, 65.8641



46.5775, 52.8076, 102.3457



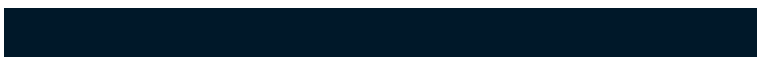
26.3315, 23.3587, 63.4424



11.7429, 12.5760, 15.0522



11.7113, 12.0692, 38.9048



0.7315, 0.8281, 2.2009

Previews

White Background



This preview shows how the XYZ color 41.0610, 37.9509, 21.9907 looks on a white background.

Color Contrast Check

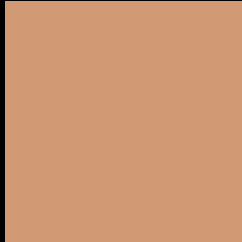
Large Text (above 18pt) WCAG AA × Fail

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 41.0610, 37.9509, 21.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

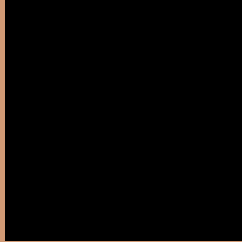
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0610, 37.9509, 21.9907

Background



This preview shows how black text looks on a background with the XYZ color 41.0610, 37.9509, 21.9907.



This preview shows how white text looks on a background with the XYZ color 41.0610, 37.9509,

21.9907.

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

41.0610, 37.9509, 21.9907

Protanopia

35.5092, 38.1426, 23.9031

Deuteranopia

38.8392, 38.0630, 21.8228



Tritanopia

44.3756, 37.8640, 38.2273

Trichromacy



Original Color

41.0610, 37.9509, 21.9907

Protanomaly

37.2968, 38.0155, 23.1413

Deuteranomaly

39.5665, 37.9315, 21.7591

Tritanomaly

43.0918, 37.8234, 31.4150

Monochromacy



Original Color

41.0610, 37.9509, 21.9907

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.5570, 37.9239, 33.3575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0610, 37.9509, 21.9907 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(209, 154, 117)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 117)  
}
```

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(209, 154, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 117) }
```

Border

The CSS property to change the border of an element to XYZ 41.0610, 37.9509, 21.9907 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(209, 154, 117) }
```


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

```
.border{ border-color:rgb(209, 154, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 154, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 117);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0610, 37.9509, 21.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 117) }
```

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

```
.background{ background-color: rgb(209,  
154, 117) }
```

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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