

Converting Colors

XYZ(41.6286, 37.5334, 19.1135)

Have a look what the booklet for
XYZ(41.6286, 37.5334, 19.1135)
contains.

XYZ(41.7977, 37.6630, 19.2541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.7977, 37.6630,
19.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	D7976C
RGB	215, 151, 108
RGB Percent	84%, 59%, 42%
CMY	0.1569, 0.4078, 0.5765
CMYK	0.00, 0.30, 0.50, 0.16
HSL	24°, 57%, 63%
HSV	24°, 50%, 84%
XYZ	41.7977, 37.6630, 19.2541
YIQ	165.2340, 51.9470, 0.1950

Conversions

Conversions Part 2

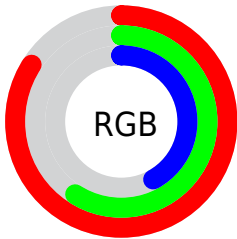
Format	Color
R _Y B	215, 180, 108
Decimal	14129004
CIE Lab	67.77, 19.14, 32.18
CIE LCh	68, 37.439, 59.251
Yxy	37.6630, 0.4234, 0.3815
Android (android.graphics.Color)	4292319084 (0xFFD7976C)
YUV	165.2340, -28.2164, 43.6448
Hunter-Lab	61.3702, 14.1741, 24.3577

Details

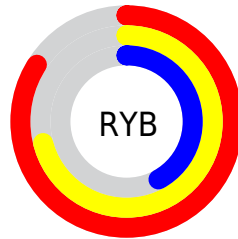
The XYZ color **41.7977, 37.6630, 19.2541** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.2019, 37.5978, 69.7969**, and the grayscale version is **35.9912, 37.8655, 41.2355**.

A 20% lighter version of the original color is **69.4165, 67.4607, 42.6203**, and **19.2774, 16.6087, 6.4647** is the 20% darker color. If you saturate the color by 10%, you get **38.8338, 33.3462, 13.3001**, and if you desaturate by 10%, it is **45.2713, 42.5478, 26.7706**.

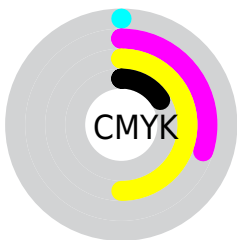
Distribution



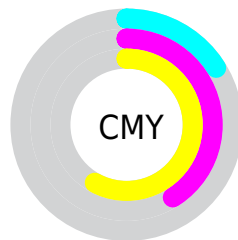
- Red (84%)
- Green (59%)
- Blue (42%)



- Red (84%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7977, 37.6630, 19.2541 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 41.7977, 37.6630, 19.2541 by changing the saturation by 10% instead.

41.7977, 37.6630,
19.2541

41.7977, 37.6630,
19.2541

344.6496,
336.1721, 260.3173

29.1333, 25.7212,
11.6754

77.1604, 71.5913,
43.0054

19.3265, 16.6152,
6.4032

100.5895, 94.3467,
60.0151

12.0118, 9.9605,
3.0190

128.3376,
121.4753, 81.0055

6.8240, 5.3728,
1.1044

160.7699,
153.3617, 106.3952

3.3976, 2.4676,
0.0000

198.2520,
190.3901, 136.6026

1.3674, 0.8604,
0.0000

241.1490,

0.2328, 0.0000,

232.9451, 172.0464

0.0000

289.8264,
281.4110, 213.1452

■ 0.0000, 0.0000,
0.0000

■ 41.7977, 37.6630,
19.2541

■ 41.7977, 37.6630,
19.2541

■ 38.8338, 33.3462,
13.3001

■ 45.2713, 42.5478,
26.7706

■ 36.3486, 29.5690,
8.7929

■ 49.2778, 48.0165,
35.9497

■ 34.3112, 26.3085,
5.6037


■ 53.8420, 54.0910,
46.8856


■ 32.6852, 23.5371,
3.5796


■ 58.9861, 60.7904,
59.6646


■ 31.4119, 21.2179,
2.4543

■ 64.7314, 68.1328,
74.3676

 31.3850, 21.1685,
2.4318

 71.0975, 76.1356,
91.0702

 77.5346, 84.5879,
106.8483

 81.4767, 92.4720,
108.1623

 81.8342, 93.1870,
108.2815

Harmonies

Analogous

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



46.4180, 37.6630, 27.3164



41.7977, 37.6630, 19.2541



35.9433, 37.6630, 16.6724

Triad

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



41.7977, 37.6630, 19.2541



25.7780, 37.6630, 40.5932



41.5188, 37.6630, 75.5987

Complementary

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



41.7977, 37.6630, 19.2541



33.2019, 37.5978, 69.7969

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.



35.6522, 37.6630, 81.8743



41.7977, 37.6630, 19.2541



26.9348, 37.6630, 58.6482

Square

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



41.7977, 37.6630, 19.2541



27.0554, 37.6630, 26.7696



30.4010, 37.6630, 74.9738



46.2452, 37.6630, 59.5692

Rectangle

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



41.7977, 37.6630, 19.2541



32.2503, 37.6630, 17.6687



30.4010, 37.6630, 74.9738



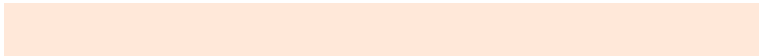
39.5958, 37.6630, 79.0836

Sweetspot

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



41.7986, 37.6648, 19.2548



82.6232, 84.0394, 77.3418



40.8526, 28.1587, 42.4127



17.3456, 17.5449, 15.7159



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.



41.7986, 37.6648, 19.2548



56.8232, 48.5892, 18.9541



52.3953, 58.8582, 22.7870



12.8288, 13.2319, 13.0386



18.8696, 12.8565, 1.4870



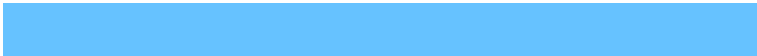
1.2181, 0.9353, 0.1163

Inverse Universe

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



33.2019, 37.5978, 69.7969



42.7117, 48.4092, 101.7005



25.0116, 21.2172, 67.0668



12.3540, 13.2315, 15.8403



12.1057, 12.4732, 40.2227



0.8103, 0.9126, 2.4527

Previews

White Background



This preview shows how the XYZ color 41.7977, 37.6630, 19.2541 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 41.7977, 37.6630, 19.2541 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 41.7977, 37.6630, 19.2541

Background



This preview shows how black text looks on a background with the XYZ color 41.7977, 37.6630, 19.2541.



This preview shows how white text looks on a background with the XYZ color 41.7977, 37.6630,

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

41.7977, 37.6630, 19.2541

Protanopia

35.0828, 37.7089, 21.3491

Deuteranopia

38.4339, 37.6574, 19.1528



Tritanopia

45.3396, 37.7112, 36.3418

Trichromacy



Original Color

41.7977, 37.6630, 19.2541

Protanomaly

37.2337, 37.5179, 20.6085

Deuteranomaly

39.5520, 37.4834, 19.0603

Tritanomaly

44.0074, 37.6369, 29.3713

Monochromacy



Original Color

41.7977, 37.6630, 19.2541

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.1333, 37.2225, 31.6131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7977, 37.6630, 19.2541 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(215, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(215, 151, 108)  
}
```

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(215, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 151, 108) }
```

Border

The CSS property to change the border of an element to XYZ 41.7977, 37.6630, 19.2541 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(215, 151, 108) }
```


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

```
.border{ border-color:rgb(215, 151, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 151, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 151, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 151, 108);  
box-shadow:4px 4px 4px 4px rgb(215, 151,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7977, 37.6630, 19.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 151, 108) }
```

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

```
.background{ background-color: rgb(215,  
151, 108) }
```

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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