

Converting Colors

XYZ(40.0406, 37.0539, 30.5854)

Have a look what the booklet for
XYZ(40.0406, 37.0539, 30.5854)
contains.

XYZ(40.0931, 37.0148, 30.6226)	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(40.0931, 37.0148,
30.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	C8998E
RGB	200, 153, 142
RGB Percent	78%, 60%, 56%
CMY	0.2157, 0.4000, 0.4431
CMYK	0.00, 0.23, 0.29, 0.22
HSL	11°, 35%, 67%
HSV	11°, 29%, 78%
XYZ	40.0931, 37.0148, 30.6226
YIQ	165.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

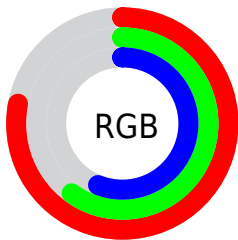
Format	Color
R _Y B	200, 156, 142
Decimal	13146510
CIE Lab	67.29, 15.98, 12.56
CIE LCh	67, 20.331, 38.169
Yxy	37.0148, 0.3722, 0.3436
Android (android.graphics.Color)	4291336590 (0xFFC8998E)
YUV	165.7990, -11.7329, 29.9943
Hunter-Lab	60.8398, 11.1609, 12.7453

Details

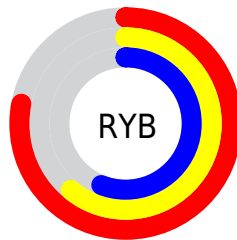
The XYZ color **40.0931, 37.0148, 30.6226** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7776, 46.3146, 61.4868**, and the grayscale version is **36.1934, 38.0783, 41.4673**.

A 20% lighter version of the original color is **73.5166, 69.8712, 61.8363**, and **18.3602, 16.2952, 12.3028** is the 20% darker color. If you saturate the color by 10%, you get **36.2496, 31.5189, 22.5859**, and if you desaturate by 10%, it is **44.5683, 43.3424, 40.1999**.

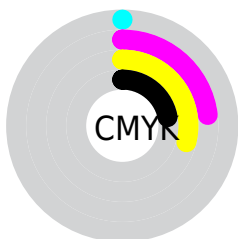
Distribution



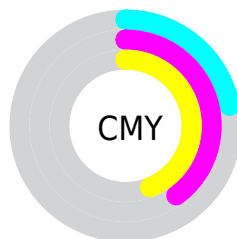
- Red (78%)
- Green (60%)
- Blue (56%)



- Red (78%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0931, 37.0148, 30.6226 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 40.0931, 37.0148, 30.6226 by changing the saturation by 10% instead.


 40.0931, 37.0148,
30.6226


 40.0931, 37.0148,
30.6226


337.6435,
333.3746, 319.0930


 27.7957, 25.2189,
20.0556


 74.5887, 70.5955,
61.7180

 18.3114, 16.2403,
12.2510

 97.5176, 93.1492,
83.0835

 11.2748, 9.6943,
6.7902


 124.7210,
120.0577, 108.8855

 6.3206, 5.1968,
3.2548

156.5643,
151.7052, 139.5426

 3.0835, 2.3632,
1.2262

193.4129,
188.4763, 175.4734

 1.1981, 0.8068,
0.0001

235.6320,

 0.1049, 0.0000,

230.7553, 217.0964

0.0000

283.5871,
278.9266, 264.8301

■ 0.0000, 0.0000,
0.0000

■ 40.0931, 37.0148,
30.6226

■ 40.0931, 37.0148,
30.6226

■ 36.2496, 31.5189,
22.5859

■ 44.5683, 43.3424,
40.1999

■ 33.0059, 26.8150,
16.0069

■ 49.6992, 50.5291,
51.3903

■ 30.3320, 22.8676,
10.7981

■ 55.5121, 58.6074,
64.2644

■ 28.1938, 19.6367,
6.8619

■ 62.0310, 67.6065,
78.8881

■ 26.5533, 17.0784,
4.0875

■ 69.2787, 77.5544,
95.3235

■ 25.3674, 15.1436,
2.3451

■ 76.1291, 88.0186,
107.5846

■ 24.5747, 13.7723,
1.4206

■ 77.6294, 91.0194,
108.0847

■ 24.5108, 13.6621,
1.3452

Harmonies

Analogous

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



41.4360, 37.0148, 37.9191



40.0931, 37.0148, 30.6226



37.4514, 37.0148, 26.4091

Triad

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



40.0931, 37.0148, 30.6226



29.9194, 37.0148, 34.2662



36.0376, 37.0148, 59.7333

Complementary

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



40.0931, 37.0148, 30.6226



39.7776, 46.3146, 61.4868

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.



33.0051, 37.0148, 58.3736



40.0931, 37.0148, 30.6226



29.5903, 37.0148, 42.7844

Square

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



40.0931, 37.0148, 30.6226



31.6154, 37.0148, 28.2869



30.6883, 37.0148, 51.8342



39.0061, 37.0148, 55.3149

Rectangle

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



40.0931, 37.0148, 30.6226



35.3728, 37.0148, 25.5001



30.6883, 37.0148, 51.8342



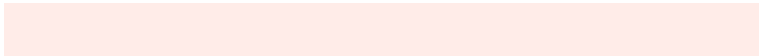
34.9908, 37.0148, 59.9479

Sweetspot

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



40.0941, 37.0165, 30.6234



85.9246, 87.3130, 88.7056



42.7178, 35.3158, 52.9184



18.0956, 18.2756, 18.3372



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.



40.0941, 37.0165, 30.6234



64.9682, 57.7404, 43.6771



45.3551, 47.5385, 32.3770



10.7940, 10.9572, 11.1088



15.6343, 8.7857, 0.8718



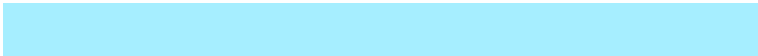
0.7906, 0.5167, 0.0581

Inverse Universe

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



39.7776, 46.3146, 61.4868



64.3176, 76.4881, 105.9815



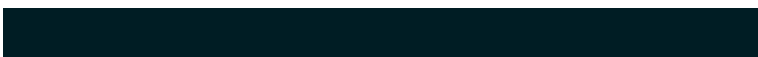
34.2155, 35.1902, 59.6327



10.7691, 11.7122, 13.6106



14.9122, 19.2183, 37.6679



0.7514, 1.0007, 1.7987

Previews

White Background



This preview shows how the XYZ color 40.0931, 37.0148, 30.6226 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 40.0931, 37.0148, 30.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

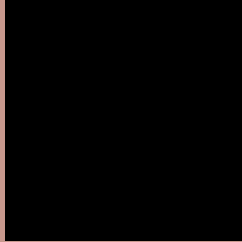
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0931, 37.0148, 30.6226

Background



This preview shows how black text looks on a background with the XYZ color 40.0931, 37.0148, 30.6226.



This preview shows how white text looks on a background with the XYZ color 40.0931, 37.0148,

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

40.0931, 37.0148, 30.6226

Protanopia

35.3365, 37.3154, 32.9439

Deuteranopia

37.7736, 37.0682, 30.3633



Tritanopia

41.7851, 36.9779, 39.1176

Trichromacy



Original Color

40.0931, 37.0148, 30.6226

Protanomaly

36.9730, 37.1310, 32.0064

Deuteranomaly

38.4344, 36.9065, 30.2973

Tritanomaly

41.0704, 36.9173, 35.9714

Monochromacy



Original Color

40.0931, 37.0148, 30.6226

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.1908, 37.3890, 37.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0931, 37.0148, 30.6226 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(200, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(200, 153, 142)  
}
```

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(200, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 153, 142) }
```

Border

The CSS property to change the border of an element to XYZ 40.0931, 37.0148, 30.6226 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(200, 153, 142) }
```


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

```
.border{ border-color:rgb(200, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(200, 153,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0931, 37.0148, 30.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 153, 142) }
```

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

```
.background{ background-color: rgb(200,  
153, 142) }
```

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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