

Converting Colors

XYZ(39.7969, 37.0854, 5.5191)

Have a look what the booklet for
XYZ(39.7969, 37.0854, 5.5191)
contains.

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Color

**XYZ(39.9297, 37.2427,
5.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	D9980F
RGB	217, 152, 15
RGB Percent	85%, 60%, 6%
CMY	0.1490, 0.4039, 0.9411
CMYK	0.00, 0.30, 0.93, 0.15
HSL	41°, 87%, 45%
HSV	41°, 93%, 85%
XYZ	39.9297, 37.2427, 5.5360
YIQ	155.8170, 82.7170, -28.8270

Conversions

Conversions Part 2

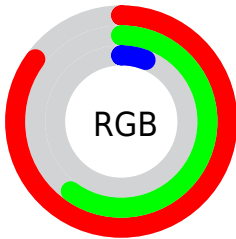
Format	Color
RYB	111, 217, 15
Decimal	14260239
CIELab	67.46, 14.74, 69.80
CIELCh	67, 71.341, 78.077
Yxy	37.2427, 0.4828, 0.4503
Android (android.graphics.Color)	4292450319 (0xFFD9980F)
YUV	155.8170, -69.4228, 53.6575
Hunter-Lab	61.0268, 9.9953, 37.3403

Details

The XYZ color **39.9297, 37.2427, 5.5360** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **15.5904, 10.8492, 66.9174**, and the grayscale version is **31.7937, 33.4495, 36.4265**.

A 20% lighter version of the original color is **64.7593, 65.9818, 16.9120**, and **18.3640, 16.3753, 2.1929** is the 20% darker color. If you saturate the color by 10%, you get **39.0761, 35.6739, 4.8262**, and if you desaturate by 10%, it is **41.3405, 39.6757, 7.2058**.

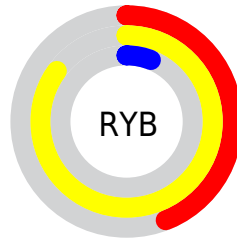
Distribution



Red (85%)

Green (60%)

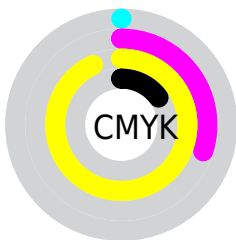
Blue (6%)



Red (44%)

Yellow (85%)

Blue (6%)

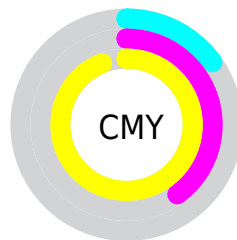


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9297, 37.2427, 5.5360 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 39.9297, 37.2427, 5.5360 by changing the saturation by 10% instead.


 39.9297, 37.2427,
5.5360


 39.9297, 37.2427,
5.5360


336.9667,
334.3601, 164.0151

 27.6677, 25.3955,
2.5009


 74.3415, 70.9459,
17.4207

 18.2145, 16.3719,
0.8406


 97.2220, 93.5707,
27.1073

 11.2047, 9.7877,
0.0000


 124.3727,
120.5567, 39.8482

 6.2730, 5.2584,
0.0000

 156.1589,
152.2884, 56.0618

 3.0540, 2.3997,
0.0000

 192.9461,
189.1502, 76.1668

 1.1824, 0.8257,
0.0000

 235.0995,

 0.0924, 0.0000,

231.5265, 100.5817

0.0000

282.9846,
279.8017, 129.7249

0.0000, 0.0000,
0.0000

39.9297, 37.2427,
5.5360

39.9297, 37.2427,
5.5360

39.0761, 35.6739,
4.8262

41.3405, 39.6757,
7.2058

43.0201, 42.3231,
9.9598

45.0016, 45.2015,
13.9638

47.3121, 48.3235,
19.3549

49.9750, 51.7001,
26.2520

■ 53.0116, 55.3414,
34.7611

■ 56.4409, 59.2566,
44.9786

■ 60.2808, 63.4544,
56.9933

■ 64.5479, 67.9430,
70.8877

Harmonies

Analogous

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



51.4156, 37.2427, 10.1935



39.9297, 37.2427, 5.5360



29.2572, 37.2427, 5.9923

Triad

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



39.9297, 37.2427, 5.5360



18.9149, 37.2427, 62.2927



53.4933, 37.2427, 95.6711

Complementary

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



39.9297, 37.2427, 5.5360



15.5904, 10.8492, 66.9174

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.



42.3432, 37.2427, 129.1569



39.9297, 37.2427, 5.5360



23.1093, 37.2427, 104.0166

Square

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



39.9297, 37.2427, 5.5360



18.5322, 37.2427, 29.3230



31.2230, 37.2427, 132.8187



60.2604, 37.2427, 54.3316

Rectangle

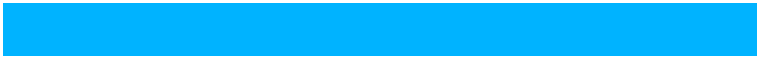
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.9297, 37.2427, 5.5360



23.9338, 37.2427, 9.1919



31.2230, 37.2427, 132.8187



50.0393, 37.2427, 108.9690

Sweetspot

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



39.9305, 37.2446, 5.5367



78.7138, 82.4318, 56.8901



30.3219, 15.7079, 9.4845



16.4000, 17.1266, 10.8597



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.



39.9305, 37.2446, 5.5367



56.1740, 51.1279, 6.9080



44.5070, 59.7680, 9.6430



13.7906, 14.5206, 13.8015



23.7543, 21.7941, 2.9547



1.6156, 1.5654, 0.2170

Inverse Universe

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



15.5904, 10.8492, 66.9174



21.0711, 13.2621, 96.0570



13.9463, 5.9966, 66.0674



12.6790, 13.2978, 16.5506



8.9858, 5.8411, 40.3922



0.6588, 0.5316, 2.6423

Previews

White Background



This preview shows how the XYZ color 39.9297, 37.2427, 5.5360 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 39.9297, 37.2427, 5.5360 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 39.9297, 37.2427, 5.5360

Background



This preview shows how black text looks on a background with the XYZ color 39.9297, 37.2427, 5.5360.



This preview shows how white text looks on a background with the XYZ color 39.9297, 37.2427,

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

39.9297, 37.2427, 5.5360

Protanopia

33.8311, 37.3999, 6.0976

Deuteranopia

37.9338, 37.2000, 5.5333



Tritanopia

45.9328, 37.1640, 34.4582

Trichromacy



Original Color

39.9297, 37.2427, 5.5360

Protanomaly

35.7059, 37.0556, 5.8428

Deuteranomaly

38.6346, 37.3113, 5.4240

Tritanomaly

42.3425, 36.5823, 17.3998

Monochromacy



Original Color

39.9297, 37.2427, 5.5360

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.6312, 33.9276, 18.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9297, 37.2427, 5.5360 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(217, 152, 15)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 15)  
}
```

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(217, 152, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 15) }
```

Border

The CSS property to change the border of an element to XYZ 39.9297, 37.2427, 5.5360 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(217, 152, 15) }
```


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

```
.border{ border-color:rgb(217, 152, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 15);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9297, 37.2427, 5.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 15) }
```

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

```
.background{ background-color: rgb(217,  
152, 15) }
```

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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