

Converting Colors

XYZ(39.6846, 37.4401, 5.8282)

Have a look what the booklet for
XYZ(39.6846, 37.4401, 5.8282)
contains.

XYZ(39.5509, 37.2837, 5.8214)	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(39.5509, 37.2837,
5.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	D79915
RGB	215, 153, 21
RGB Percent	84%, 60%, 8%
CMY	0.1569, 0.4000, 0.9176
CMYK	0.00, 0.29, 0.90, 0.16
HSL	41°, 82%, 46%
HSV	41°, 90%, 84%
XYZ	39.5509, 37.2837, 5.8214
YIQ	156.4900, 79.3240, -27.9080

Conversions

Conversions Part 2

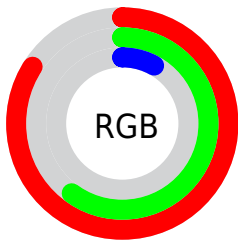
Format	Color
RYB	112, 215, 21
Decimal	14129429
CIELab	67.49, 13.42, 68.60
CIELCh	67, 69.903, 78.932
Yxy	37.2837, 0.4785, 0.4511
Android (android.graphics.Color)	4292319509 (0xFFD79915)
YUV	156.4900, -66.7966, 51.3133
Hunter-Lab	61.0604, 8.7649, 37.0897

Details

The XYZ color **39.5509, 37.2837, 5.8214** 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 **15.6684, 11.2525, 65.6355**, and the grayscale version is **32.0853, 33.7562, 36.7605**.

A 20% lighter version of the original color is **65.1142, 66.5102, 17.5895**, and **18.2689, 16.4713, 2.2164** is the 20% darker color. If you saturate the color by 10%, you get **38.3481, 35.0950, 4.7529**, and if you desaturate by 10%, it is **41.0006, 39.7167, 7.7436**.

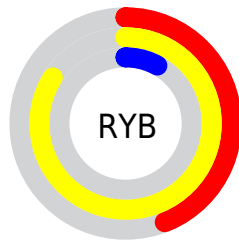
Distribution



Red (84%)

Green (60%)

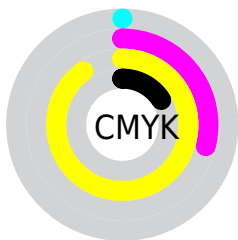
Blue (8%)



Red (44%)

Yellow (84%)

Blue (8%)

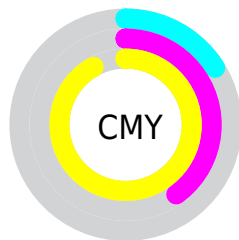


Cyan (0%)

Magenta (29%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5509, 37.2837, 5.8214 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 39.5509, 37.2837, 5.8214 by changing the saturation by 10% instead.

39.5509, 37.2837,
5.8214

39.5509, 37.2837,
5.8214

335.3940,
334.5372, 166.7168

27.3712, 25.4272,
2.6698

73.7679, 71.0089,
18.0303

17.9902, 16.3956,
0.9281

96.5358, 93.6464,
27.9246

11.0426, 9.8045,
0.0000

123.5639,
120.6464, 40.9035

6.1630, 5.2696,
0.0000

155.2175,
152.3932, 57.3857

2.9861, 2.4063,
0.0000

191.8620,
189.2714, 77.7895

1.1464, 0.8291,
0.0000

233.8627,

0.0634, 0.0000,

231.6651, 102.5336

0.0000

281.5849,
279.9589, 132.0365

■ 0.0000, 0.0000,
0.0000

■ 39.5509, 37.2837,
5.8214

■ 39.5509, 37.2837,
5.8214

■ 38.3481, 35.0950,
4.7529

■ 41.0006, 39.7167,
7.7436

■ 42.7222, 42.3622,
10.7767

■ 44.7464, 45.2357,
15.0735

■ 47.0984, 48.3488,
20.7620

■ 49.8005, 51.7122,
27.9545

■ 52.8727, 55.3352,
36.7515

■ 56.3334, 59.2269,
47.2451

■ 60.1994, 63.3953,
59.5202

■ 64.4868, 67.8484,
73.6559

Harmonies

Analogous

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



50.8081, 37.2837, 10.3395



39.5509, 37.2837, 5.8214



29.1504, 37.2837, 6.4157

Triad

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



39.5509, 37.2837, 5.8214



19.2729, 37.2837, 62.9662



53.3975, 37.2837, 93.1614

Complementary

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



39.5509, 37.2837, 5.8214



15.6684, 11.2525, 65.6355

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.



42.5682, 37.2837, 126.1684



39.5509, 37.2837, 5.8214



23.5283, 37.2837, 103.5013

Square

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



39.5509, 37.2837, 5.8214



18.7886, 37.2837, 30.2679



31.6188, 37.2837, 130.6926



59.8123, 37.2837, 53.0400

Rectangle

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



39.5509, 37.2837, 5.8214



23.9798, 37.2837, 9.7807



31.6188, 37.2837, 130.6926



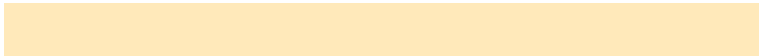
50.0623, 37.2837, 106.1678

Sweetspot

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



39.5517, 37.2856, 5.8221



79.2572, 83.0882, 58.3983



29.9589, 15.6502, 10.1767



16.6046, 17.3728, 11.4308



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.



39.5517, 37.2856, 5.8221



56.2817, 51.3433, 6.9439



43.8850, 58.6811, 9.7235



13.1227, 13.8195, 13.1365



23.0364, 21.1901, 2.8759



1.4626, 1.4245, 0.1979

Inverse Universe

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



15.6684, 11.2525, 65.6355



21.0289, 13.1779, 96.0430



14.0201, 6.2090, 64.7489



12.0633, 12.6501, 15.7434



8.6836, 5.6289, 39.0820



0.5976, 0.4871, 2.3818

Previews

White Background



This preview shows how the XYZ color 39.5509, 37.2837, 5.8214 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 39.5509, 37.2837, 5.8214 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 39.5509, 37.2837, 5.8214

Background



This preview shows how black text looks on a background with the XYZ color 39.5509, 37.2837, 5.8214.



This preview shows how white text looks on a background with the XYZ color 39.5509, 37.2837,

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

39.5509, 37.2837, 5.8214

Protanopia

33.8803, 37.4196, 6.3567

Deuteranopia

38.0101, 37.2305, 5.7551



Tritanopia

45.5470, 37.1755, 34.9120

Trichromacy



Original Color

39.5509, 37.2837, 5.8214

Protanomaly

35.9357, 37.4260, 6.1941

Deuteranomaly

38.7029, 37.3386, 5.7833

Tritanomaly

42.0421, 36.6378, 18.2205

Monochromacy



Original Color

39.5509, 37.2837, 5.8214

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5066, 33.8513, 18.7306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5509, 37.2837, 5.8214 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, 153, 21)` looks like.

```
.text, #text, p{  
    color:rgb(215, 153, 21)  
}
```

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, 153, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 153, 21) }
```

Border

The CSS property to change the border of an element to XYZ 39.5509, 37.2837, 5.8214 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, 153, 21) }
```


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

```
.border{ border-color:rgb(215, 153, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 153, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 153, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 153, 21);  
box-shadow:4px 4px 4px 4px rgb(215, 153,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5509, 37.2837, 5.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 153, 21) }
```

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

```
.background{ background-color: rgb(215,  
153, 21) }
```

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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