

Converting Colors

XYZ(39.2308, 37.5705, 9.8873)

Have a look what the booklet for
XYZ(39.2308, 37.5705, 9.8873)
contains.

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Color

**XYZ(39.1969, 37.5032,
9.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	D29B3F
RGB	210, 155, 63
RGB Percent	82%, 61%, 25%
CMY	0.1765, 0.3921, 0.7529
CMYK	0.00, 0.26, 0.70, 0.18
HSL	38°, 62%, 54%
HSV	38°, 70%, 82%
XYZ	39.1969, 37.5032, 9.8756
YIQ	160.9570, 62.3120, -16.9520

Conversions

Conversions Part 2

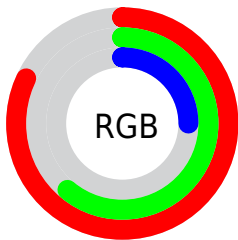
Format	Color
RYB	151, 210, 63
Decimal	13802303
CIELab	67.65, 11.60, 54.37
CIELCh	68, 55.593, 77.959
Yxy	37.5032, 0.4527, 0.4332
Android (android.graphics.Color)	4291992383 (0xFFD29B3F)
YUV	160.9570, -48.2928, 43.0107
Hunter-Lab	61.2399, 7.0801, 33.3067

Details

The XYZ color **39.1969, 37.5032, 9.8756** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **20.1609, 18.6661, 63.5127**, and the grayscale version is **34.0543, 35.8277, 39.0164**.

A 20% lighter version of the original color is **67.1350, 68.0987, 25.8256**, and **17.7238, 16.4843, 2.3051** is the 20% darker color. If you saturate the color by 10%, you get **37.4531, 34.7826, 6.9305**, and if you desaturate by 10%, it is **41.2513, 40.4871, 14.0287**.

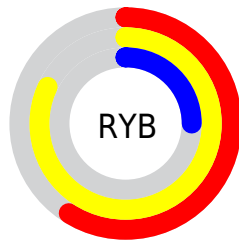
Distribution



Red (82%)

Green (61%)

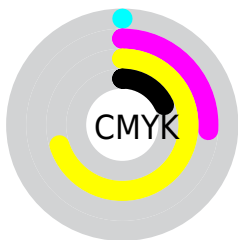
Blue (25%)



Red (59%)

Yellow (82%)

Blue (25%)

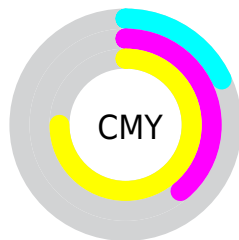


Cyan (0%)

Magenta (26%)

Yellow (70%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1969, 37.5032, 9.8756 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 39.1969, 37.5032, 9.8756 by changing the saturation by 10% instead.


 39.1969, 37.5032,
9.8756


 39.1969, 37.5032,
9.8756


333.9197,
335.4840, 200.2343

 27.0944, 25.5973,
5.2120


 73.2312, 71.3460,
26.1654

 17.7811, 16.5226,
2.3113


 95.8936, 94.0518,
38.6287

 10.8916, 9.8947,
0.7375


 122.8067,
121.1263, 54.5290

 6.0608, 5.3292,
0.0000

 154.3358,
152.9540, 74.2848

 2.9231, 2.4417,
0.0000

 190.8463,
189.9192, 98.3148

 1.1132, 0.8472,
0.0000

232.7036,

 0.0361, 0.0000,

232.4063, 127.0373

0.0000

280.2729,
280.7998, 160.8710

■ 0.0000, 0.0000,
0.0000

■ 39.1969, 37.5032,
9.8756

■ 39.1969, 37.5032,
9.8756

■ 37.4531, 34.7826,
6.9305

■ 41.2513, 40.4871,
14.0287

■ 35.9887, 32.3059,
5.0485

■ 43.6379, 43.7411,
19.5083

■ 34.7532, 30.0517,
3.9689

■ 46.3793, 47.2781,
26.4208

■ 34.7531, 30.0513,
3.9688

■ 49.4948, 51.1081,
34.8611

■ 53.0022, 55.2406,
44.9161

■ 56.9182, 59.6846,
56.6660

■ 61.2581, 64.4483,
70.1856

■ 66.0367, 69.5399,
85.5452

■ 71.2678, 74.9670,
102.8114

Harmonies

Analogous

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



47.8658, 37.5032, 14.8474



39.1969, 37.5032, 9.8756



30.7998, 37.5032, 10.3735

Triad

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



39.1969, 37.5032, 9.8756



22.1495, 37.5032, 57.1928



49.3459, 37.5032, 81.3191

Complementary

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



39.1969, 37.5032, 9.8756



20.1609, 18.6661, 63.5127

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.



40.9749, 37.5032, 104.2355



39.1969, 37.5032, 9.8756



25.7054, 37.5032, 86.8986

Square

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



39.1969, 37.5032, 9.8756



21.8302, 37.5032, 31.7552



32.3157, 37.5032, 106.6100



54.3239, 37.5032, 51.4981

Rectangle

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



39.1969, 37.5032, 9.8756



26.4356, 37.5032, 13.7732



32.3157, 37.5032, 106.6100



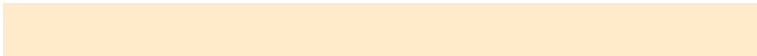
46.7792, 37.5032, 90.5245

Sweetspot

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



39.1978, 37.5051, 9.8763



81.5343, 84.8955, 67.6254



31.7068, 18.5973, 19.4822



17.1177, 17.7812, 13.5059



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.



39.1978, 37.5051, 9.8763



56.9403, 52.0259, 9.1205



45.8978, 57.7696, 13.4346



12.4163, 13.0233, 12.4714



21.2983, 18.5296, 2.4540



1.2657, 1.1857, 0.1622

Inverse Universe

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



20.1609, 18.6661, 63.5127



25.7861, 21.3464, 97.3689



16.7316, 9.9206, 62.0054



11.5208, 12.1320, 14.9781



8.8714, 6.3893, 37.9582



0.5713, 0.5079, 2.1475

Previews

White Background



This preview shows how the XYZ color 39.1969, 37.5032, 9.8756 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 39.1969, 37.5032, 9.8756 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 39.1969, 37.5032, 9.8756

Background



This preview shows how black text looks on a background with the XYZ color 39.1969, 37.5032, 9.8756.



This preview shows how white text looks on a background with the XYZ color 39.1969, 37.5032,

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

39.1969, 37.5032, 9.8756

Protanopia

34.2057, 37.4940, 10.5885

Deuteranopia

38.3801, 37.5836, 9.7889



Tritanopia

44.4451, 37.2500, 36.3000

Trichromacy



Original Color

39.1969, 37.5032, 9.8756

Protanomaly

35.6913, 37.2088, 10.3019

Deuteranomaly

38.4901, 37.3901, 9.7458

Tritanomaly

41.9919, 37.1962, 23.3787

Monochromacy



Original Color

39.1969, 37.5032, 9.8756

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.6902, 35.8606, 24.4955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1969, 37.5032, 9.8756 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(210, 155, 63)` looks like.

```
.text, #text, p{  
    color:rgb(210, 155, 63)  
}
```

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(210, 155, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 155, 63) }
```

Border

The CSS property to change the border of an element to XYZ 39.1969, 37.5032, 9.8756 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(210, 155, 63) }
```


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

```
.border{ border-color:rgb(210, 155, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 155, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 155, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 155, 63);  
box-shadow:4px 4px 4px 4px rgb(210, 155,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1969, 37.5032, 9.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 155, 63) }
```

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

```
.background{ background-color: rgb(210,  
155, 63) }
```

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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