

Converting Colors

XYZ(37.1923, 36.4761, 9.4952)

Have a look what the booklet for
XYZ(37.1923, 36.4761, 9.4952)
contains.

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Color

**XYZ(37.1923, 36.4761,
9.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9B3D
RGB	203, 155, 61
RGB Percent	80%, 61%, 24%
CMY	0.2039, 0.3921, 0.7608
CMYK	0.00, 0.24, 0.70, 0.20
HSL	40°, 58%, 52%
HSV	40°, 70%, 80%
XYZ	37.1923, 36.4761, 9.4952
YIQ	158.6360, 58.7820, -19.0580

Conversions

Conversions Part 2

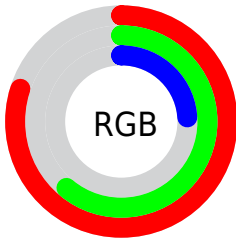
Format	Color
RYB	134, 203, 61
Decimal	13343549
CIELab	66.88, 8.46, 54.21
CIElCh	67, 54.866, 81.126
Yxy	36.4761, 0.4472, 0.4386
Android (android.graphics.Color)	4291533629 (0xFFCB9B3D)
YUV	158.6360, -48.1345, 38.9072
Hunter-Lab	60.3954, 4.2306, 32.9554

Details

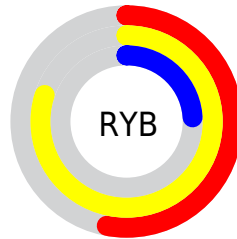
The XYZ color **37.1923, 36.4761, 9.4952** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **18.1724, 16.2406, 58.6767**, and the grayscale version is **32.9832, 34.7009, 37.7893**.

A 20% lighter version of the original color is **67.0211, 68.0532, 25.2260**, and **16.6274, 15.9204, 2.1966** is the 20% darker color. If you saturate the color by 10%, you get **35.6361, 34.0795, 6.7705**, and if you desaturate by 10%, it is **39.0220, 39.0888, 13.3324**.

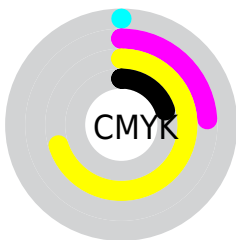
Distribution



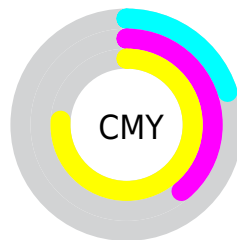
- Red (80%)
- Green (61%)
- Blue (24%)



- Red (53%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1923, 36.4761, 9.4952 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 37.1923, 36.4761, 9.4952 by changing the saturation by 10% instead.


 37.1923, 36.4761,
9.4952


 37.1923, 36.4761,
9.4952


325.4834,
331.0367, 197.3824


 25.5308, 24.8021,
4.9644


 70.1804, 69.7663,
25.4344

 16.6038, 15.9297,
2.1680


 92.2376, 92.1513,
37.6798

 10.0459, 9.4744,
0.6558


 118.4908,
118.8754, 53.3339

 5.4919, 5.0519,
0.0000

 149.3053,
150.3230, 72.8151

 2.5764, 2.2777,
0.0000

 185.0464,
186.8786, 96.5420

 0.9339, 0.7619,
0.0000

226.0796,

 0.0000, 0.0000,

228.9265, 124.9332

0.0000

272.7701,
276.8511, 158.4071

■ 37.1923, 36.4761,
9.4952

■ 37.1923, 36.4761,
9.4952

■ 35.6361, 34.0795,
6.7705

■ 39.0220, 39.0888,
13.3324

■ 34.3250, 31.8817,
5.0254

■ 41.1445, 41.9227,
18.3906

■ 33.2126, 29.8636,
4.0167

■ 43.5803, 44.9890,
24.7676

■ 33.2072, 29.8538,
4.0121

■ 46.3466, 48.2963,
32.5504

■ 49.4596, 51.8525,
41.8189

■ 52.9342, 55.6652,
52.6466

■ 56.7843, 59.7413,
65.1024

■ 61.0230, 64.0877,
79.2508

■ 65.6628, 68.7106,
95.1530

Harmonies

Analogous

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



45.6918, 36.4761, 13.6861



37.1923, 36.4761, 9.4952



29.2250, 36.4761, 10.5023

Triad

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



37.1923, 36.4761, 9.4952



21.8021, 36.4761, 58.5916



48.6515, 36.4761, 75.9015

Complementary

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



37.1923, 36.4761, 9.4952



18.1724, 16.2406, 58.6767

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.



40.7513, 36.4761, 99.4956



37.1923, 36.4761, 9.4952



25.5796, 36.4761, 87.0384

Square

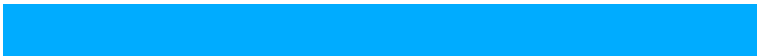
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.1923, 36.4761, 9.4952



21.1608, 36.4761, 33.0692



32.2633, 36.4761, 104.2303



52.9677, 36.4761, 47.1993

Rectangle

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



37.1923, 36.4761, 9.4952



25.1888, 36.4761, 14.2622



32.2633, 36.4761, 104.2303



46.2725, 36.4761, 85.1026

Sweetspot

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



37.1931, 36.4779, 9.4959



82.0910, 86.0089, 67.8110



29.1503, 17.1754, 16.7317



17.2506, 18.0471, 13.5503



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.



37.1931, 36.4779, 9.4959



58.4881, 55.1214, 9.6364



41.4189, 52.9573, 12.4540



11.8221, 12.4331, 11.8562



21.2201, 19.1731, 2.5824



1.1631, 1.1259, 0.1560

Inverse Universe

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



18.1724, 16.2406, 58.6767



24.8838, 19.5420, 97.0682



15.9544, 9.4570, 57.4842



10.9065, 11.4534, 14.2063



8.2753, 5.5746, 36.5961



0.4969, 0.4276, 1.9113

Previews

White Background



This preview shows how the XYZ color 37.1923, 36.4761, 9.4952 looks on a white background.

Color Contrast Check

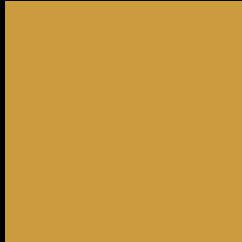
Large Text (above 18pt) WCAG AA × Fail

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 37.1923, 36.4761, 9.4952 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 37.1923, 36.4761, 9.4952

Background



This preview shows how black text looks on a background with the XYZ color 37.1923, 36.4761, 9.4952.



This preview shows how white text looks on a background with the XYZ color 37.1923, 36.4761,

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

37.1923, 36.4761, 9.4952

Protanopia

33.2858, 36.4984, 9.9932

Deuteranopia

37.1923, 36.4761, 9.4952



Tritanopia

42.7045, 36.3527, 36.2185

Trichromacy



Original Color

37.1923, 36.4761, 9.4952

Protanomaly

34.6755, 36.4366, 9.7628

Deuteranomaly

37.1923, 36.4761, 9.4952

Tritanomaly

39.9308, 36.1408, 22.9604

Monochromacy



Original Color

37.1923, 36.4761, 9.4952

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4812, 34.9977, 23.7295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1923, 36.4761, 9.4952 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(203, 155, 61)` looks like.

```
.text, #text, p{  
    color:rgb(203, 155, 61)  
}
```

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(203, 155, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 155, 61) }
```

Border

The CSS property to change the border of an element to XYZ 37.1923, 36.4761, 9.4952 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(203, 155, 61) }
```


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

```
.border{ border-color:rgb(203, 155, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 155, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 155, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 155, 61);  
box-shadow:4px 4px 4px 4px rgb(203, 155,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1923, 36.4761, 9.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 155, 61) }
```

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

```
.background{ background-color: rgb(203,  
155, 61) }
```

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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