

Converting Colors

XYZ(38.9432, 36.4538, 7.2693)

Have a look what the booklet for
XYZ(38.9432, 36.4538, 7.2693)
contains.

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Color

**XYZ(38.9432, 36.4538,
7.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	D5972B
RGB	213, 151, 43
RGB Percent	84%, 59%, 17%
CMY	0.1647, 0.4078, 0.8314
CMYK	0.00, 0.29, 0.80, 0.16
HSL	38°, 67%, 50%
HSV	38°, 80%, 84%
XYZ	38.9432, 36.4538, 7.2693
YIQ	157.2260, 71.6200, -20.4440

Conversions

Conversions Part 2

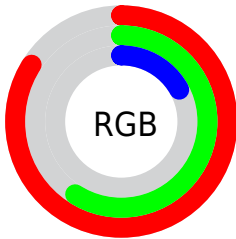
Format	Color
R_{YB}	141, 213, 43
Decimal	13997867
CIE _{Lab}	66.87, 14.19, 61.74
CIE _{LCh}	67, 63.345, 77.058
Yxy	36.4538, 0.4711, 0.4410
Android (android.graphics.Color)	4292187947 (0xFFD5972B)
YUV	157.2260, -56.3134, 48.9138
Hunter-Lab	60.3770, 9.4729, 35.1255

Details

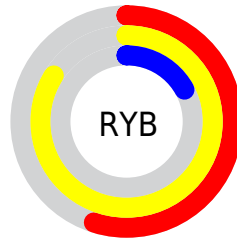
The XYZ color **38.9432, 36.4538, 7.2693** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **18.0579, 15.4203, 64.9748**, and the grayscale version is **32.3739, 34.0598, 37.0912**.

A 20% lighter version of the original color is **65.2290, 65.7857, 20.5692**, and **17.6940, 15.8866, 2.1339** is the 20% darker color. If you saturate the color by 10%, you get **37.4406, 33.9194, 5.3180**, and if you desaturate by 10%, it is **40.7337, 39.2381, 10.3228**.

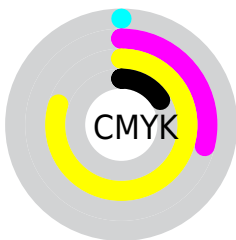
Distribution



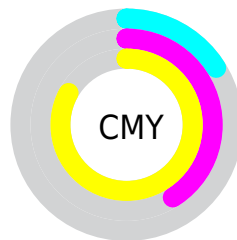
- Red (84%)
- Green (59%)
- Blue (17%)



- Red (55%)
- Yellow (84%)
- Blue (17%)



- Cyan (0%)
- Magenta (29%)
- Yellow (80%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9432, 36.4538, 7.2693 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 38.9432, 36.4538, 7.2693 by changing the saturation by 10% instead.


 38.9432, 36.4538,
7.2693


 38.9432, 36.4538,
7.2693


332.8603,
330.9397, 179.5979


 26.8961, 24.7849,
3.5501

 72.8462, 69.7319,
21.0350

 17.6314, 15.9169,
1.3819


 95.4327, 92.1099,
31.9185


 10.7837, 9.4653,
0.1276


 122.2631,
118.8264, 46.0273

 5.9878, 5.0459,
0.0000

 153.7027,
150.2657, 63.7798

 2.8783, 2.2742,
0.0000

 190.1169,
186.8123, 85.5946

 1.0897, 0.7600,
0.0000

 231.8709,

 0.0165, 0.0000,

228.8506, 111.8901

0.0000

279.3303,
276.7649, 143.0851

■ 0.0000, 0.0000,
0.0000

■ 38.9432, 36.4538,
7.2693

■ 38.9432, 36.4538,
7.2693

■ 37.4406, 33.9194,
5.3180

■ 40.7337, 39.2381,
10.3228

■ 36.1724, 31.6066,
4.2058

■ 42.8389, 42.2812,
14.6239

■ 36.1495, 31.5643,
4.1872

■ 45.2849, 45.5971,
20.2978

■ 48.0936, 49.1971,
27.4537

■ 51.2851, 53.0914,
36.1898

■ 54.8777, 57.2896,
46.5958

■ 58.8883, 61.8006,
58.7544

■ 63.3330, 66.6329,
72.7432

■ 68.2267, 71.7946,
88.6347

Harmonies

Analogous

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



48.7855, 36.4538, 12.2306



38.9432, 36.4538, 7.2693



29.5172, 36.4538, 7.5904

Triad

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



38.9432, 36.4538, 7.2693



19.8438, 36.4538, 57.2802



49.9709, 36.4538, 87.6173

Complementary

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



38.9432, 36.4538, 7.2693



18.0579, 15.4203, 64.9748

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.



40.3419, 36.4538, 114.5815



38.9432, 36.4538, 7.2693



23.5457, 36.4538, 92.2414

Square

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



38.9432, 36.4538, 7.2693



19.6084, 36.4538, 29.0028



30.6813, 36.4538, 116.5825



55.8988, 36.4538, 52.7296

Rectangle

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



38.9432, 36.4538, 7.2693



24.6842, 36.4538, 10.7091



30.6813, 36.4538, 116.5825



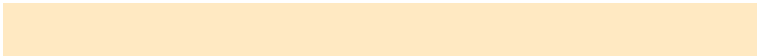
46.9868, 36.4538, 98.4898

Sweetspot

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



38.9440, 36.4556, 7.2700



80.0041, 83.2439, 62.7723



30.8714, 16.9009, 15.0904



16.7141, 17.3359, 12.2557



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.



38.9440, 36.4556, 7.2700



54.8826, 48.4558, 6.7532



45.5487, 58.7526, 11.2256



13.0744, 13.7229, 13.1204



22.1822, 19.4816, 2.5912



1.4155, 1.3301, 0.1821

Inverse Universe

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



18.0579, 15.4203, 64.9748



22.6844, 16.2993, 96.5582



15.0988, 7.6790, 63.6366



12.1097, 12.7428, 15.7589



9.0756, 6.4131, 39.2127



0.6250, 0.5419, 2.3910

Previews

White Background



This preview shows how the XYZ color 38.9432, 36.4538, 7.2693 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 38.9432, 36.4538, 7.2693 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 38.9432, 36.4538, 7.2693

Background



This preview shows how black text looks on a background with the XYZ color 38.9432, 36.4538, 7.2693.



This preview shows how white text looks on a background with the XYZ color 38.9432, 36.4538,

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

38.9432, 36.4538, 7.2693

Protanopia

33.1188, 36.4589, 7.8765

Deuteranopia

37.2984, 36.5819, 7.1930



Tritanopia

44.4058, 36.3768, 34.3868

Trichromacy



Original Color

38.9432, 36.4538, 7.2693

Protanomaly

35.1199, 36.4551, 7.6681

Deuteranomaly

37.9859, 36.6883, 7.2700

Tritanomaly

41.6653, 36.1724, 20.1152

Monochromacy



Original Color

38.9432, 36.4538, 7.2693

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0052, 34.0508, 21.3559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9432, 36.4538, 7.2693 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(213, 151, 43)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 43)  
}
```

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(213, 151, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 43) }
```

Border

The CSS property to change the border of an element to XYZ 38.9432, 36.4538, 7.2693 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(213, 151, 43) }
```


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

```
.border{ border-color:rgb(213, 151, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 151, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 151, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 151, 43);  
box-shadow:4px 4px 4px 4px rgb(213, 151,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9432, 36.4538, 7.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 151, 43) }
```

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

```
.background{ background-color: rgb(213,  
151, 43) }
```

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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