

Converting Colors

XYZ(37.6699, 37.0621, 5.4267)

Have a look what the booklet for
XYZ(37.6699, 37.0621, 5.4267)
contains.

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Color

**XYZ(37.6699, 37.0621,
5.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9C09
RGB	207, 156, 9
RGB Percent	81%, 61%, 4%
CMY	0.1882, 0.3882, 0.9647
CMYK	0.00, 0.25, 0.96, 0.19
HSL	45°, 92%, 42%
HSV	45°, 96%, 81%
XYZ	37.6699, 37.0621, 5.4267
YIQ	154.4910, 77.5830, -34.9050

Conversions

Conversions Part 2

Format	Color
R_{YB}	78, 207, 9
Decimal	13605897
CIE _{Lab}	67.32, 8.12, 70.06
CIE _{LCh}	67, 70.528, 83.389
Yxy	37.0621, 0.4699, 0.4624
Android (android.graphics.Color)	4291795977 (0xFFCF9C09)
YUV	154.4910, -71.7271, 46.0504
Hunter-Lab	60.8786, 3.9129, 37.3300

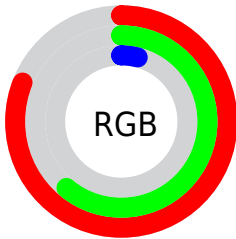
Details

The XYZ color **37.6699, 37.0621, 5.4267** 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 **12.9914, 7.7955, 59.8509**, and the grayscale version is **31.2149, 32.8405, 35.7633**.

A 20% lighter version of the original color is **65.6617, 67.9032, 16.8536**, and **17.0842, 16.3062, 2.2470** is the 20% darker color. If you saturate the color by 10%, you get **37.2355, 36.2725, 5.0388**, and if you desaturate by 10%, it is **38.7665, 38.9654, 6.6870**.

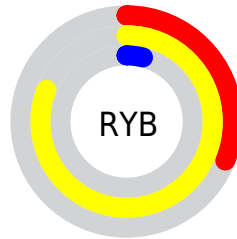
Distribution



Red (81%)

Green (61%)

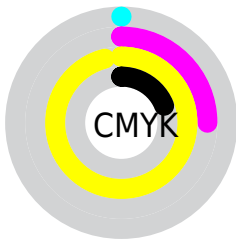
Blue (4%)



Red (31%)

Yellow (81%)

Blue (4%)

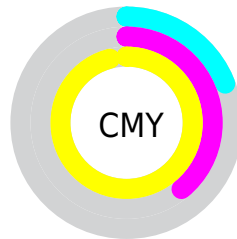


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (19%)



Cyan (19%)


Magenta (39%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6699, 37.0621, 5.4267 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 37.6699, 37.0621, 5.4267 by changing the saturation by 10% instead.


 37.6699, 37.0621,
5.4267


 37.6699, 37.0621,
5.4267


327.5072,
333.5793, 162.9639


 25.9026, 25.2556,
2.4367


 70.9091, 70.6683,
17.1855

 16.8831, 16.2676,
0.8063


 93.1117, 93.2367,
26.7913


 10.2460, 9.7137,
0.0000


 119.5235,
120.1613, 39.4394

 5.6259, 5.2095,
0.0000

 150.5097,
151.8263, 55.5484

 2.6574, 2.3707,
0.0000

 186.4359,
188.6163, 75.5368

 0.9753, 0.8108,
0.0000

 227.6673,

 0.0000, 0.0000,

230.9155, 99.8232

0.0000

274.5693,
279.1083, 128.8260

■ 37.6699, 37.0621,
5.4267

■ 37.6699, 37.0621,
5.4267

■ 37.2355, 36.2725,
5.0388

■ 38.7665, 38.9654,
6.6870

■ 40.0747, 41.0154,
8.8691

■ 41.6254, 43.2268,
12.1299

■ 43.4432, 45.6102,
16.5963

■ 45.5492, 48.1748,
22.3772

■ 47.9623, 50.9288,
29.5697

■ 50.6995, 53.8797,
38.2613

■ 53.7764, 57.0347,
48.5325

■ 57.2078, 60.4001,
60.4582

Harmonies

Analogous

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



49.1088, 37.0621, 8.9772



37.6699, 37.0621, 5.4267



27.6136, 37.0621, 6.6922

Triad

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



37.6699, 37.0621, 5.4267



19.4058, 37.0621, 68.8453



54.6486, 37.0621, 87.1896

Complementary

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



37.6699, 37.0621, 5.4267



12.9914, 7.7955, 59.8509

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.



44.1237, 37.0621, 123.1766



37.6699, 37.0621, 5.4267



24.2429, 37.0621, 109.3329

Square

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



37.6699, 37.0621, 5.4267



18.3715, 37.0621, 33.8916



32.8909, 37.0621, 132.8652



60.1239, 37.0621, 47.5904

Rectangle

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



37.6699, 37.0621, 5.4267



22.8070, 37.0621, 10.7399



32.8909, 37.0621, 132.8652



51.4921, 37.0621, 100.7866

Sweetspot

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



37.6707, 37.0639, 5.4274



79.5677, 84.5624, 55.8715



26.6940, 13.8066, 5.7881



16.6297, 17.6654, 10.6916



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.



37.6707, 37.0639, 5.4274



59.5070, 57.7940, 8.0190



37.0201, 52.2015, 8.3836



12.5350, 13.2606, 12.5109



23.5400, 23.0131, 3.2013



1.3782, 1.4107, 0.1997

Inverse Universe

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



12.9914, 7.7955, 59.8509



19.9794, 11.0789, 95.6931



12.9473, 5.5188, 59.4138



11.4077, 11.9056, 14.9404



7.9724, 4.5915, 37.6585



0.5109, 0.3869, 2.1273

Previews

White Background



This preview shows how the XYZ color 37.6699, 37.0621, 5.4267 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 37.6699, 37.0621, 5.4267 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 37.6699, 37.0621, 5.4267

Background



This preview shows how black text looks on a background with the XYZ color 37.6699, 37.0621, 5.4267.



This preview shows how white text looks on a background with the XYZ color 37.6699, 37.0621,

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

37.6699, 37.0621, 5.4267

Protanopia

33.5420, 37.2563, 5.8388

Deuteranopia

37.9557, 37.2087, 5.4687



Tritanopia

44.1505, 37.0982, 36.2862

Trichromacy



Original Color

37.6699, 37.0621, 5.4267

Protanomaly

34.9790, 37.2047, 5.6855

Deuteranomaly

37.9557, 37.2087, 5.4687

Tritanomaly

40.3470, 36.4712, 17.7451

Monochromacy



Original Color

37.6699, 37.0621, 5.4267

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3039, 33.2665, 17.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6699, 37.0621, 5.4267 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(207, 156, 9)` looks like.

```
.text, #text, p{  
    color:rgb(207, 156, 9)  
}
```

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(207, 156, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 156, 9) }
```

Border

The CSS property to change the border of an element to XYZ 37.6699, 37.0621, 5.4267 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(207, 156, 9) }
```


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

```
.border{ border-color:rgb(207, 156, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 156, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 156, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 156, 9);  
box-shadow:4px 4px 4px 4px rgb(207, 156,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6699, 37.0621, 5.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 156, 9) }
```

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

```
.background{ background-color: rgb(207,  
156, 9) }
```

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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