

Converting Colors

XYZ(37.2890, 36.5464, 8.5788)

Have a look what the booklet for
XYZ(37.2890, 36.5464, 8.5788)
contains.

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Color

**XYZ(37.2890, 36.5464,
8.5788)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CC9B36 |
| RGB | 204, 155, 54 |
| RGB Percent | 80%, 61%, 21% |
| CMY | 0.2000, 0.3921, 0.7882 |
| CMYK | 0.00, 0.24, 0.74, 0.20 |
| HSL | 40°, 60%, 51% |
| HSV | 40°, 74%, 80% |
| XYZ | 37.2890, 36.5464, 8.5788 |
| YIQ | 158.1370, 61.6250, -21.0230 |

Conversions

Conversions Part 2

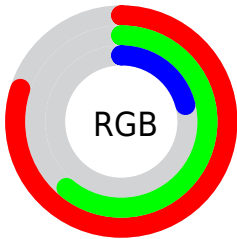
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 204, 54 |
| Decimal | 13409078 |
| CIELab | 66.94, 8.55, 57.25 |
| CIElCh | 67, 57.887, 81.505 |
| Yxy | 36.5464, 0.4525, 0.4434 |
| Android (android.graphics.Color) | 4291599158 (0xFFCC9B36) |
| YUV | 158.1370, -51.3395, 40.2219 |
| Hunter-Lab | 60.4536, 4.3085, 33.9039 |

Details

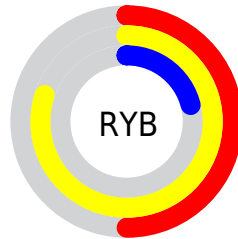
The XYZ color **37.2890, 36.5464, 8.5788** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **17.2704, 14.8437, 59.0811**, and the grayscale version is **32.7687, 34.4752, 37.5435**.

A 20% lighter version of the original color is **66.6943, 67.9225, 23.5051**, and **16.6274, 15.9204, 2.1966** is the 20% darker color. If you saturate the color by 10%, you get **35.8284, 34.2379, 6.2037**, and if you desaturate by 10%, it is **39.0134, 39.0613, 12.0333**.

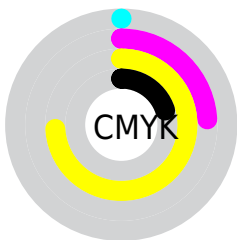
Distribution



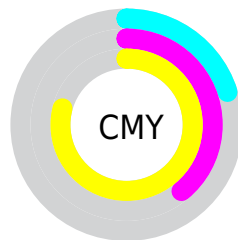
- Red (80%)
- Green (61%)
- Blue (21%)



- Red (50%)
- Yellow (80%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2890, 36.5464, 8.5788 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 37.2890, 36.5464, 8.5788 by changing the saturation by 10% instead.


 37.2890, 36.5464,
8.5788

 37.2890, 36.5464,
8.5788


325.8939,
331.3425, 190.3048


 25.6060, 24.8565,
4.3744


 70.3280, 69.8746,
23.6502

 16.6603, 15.9702,
1.8329

 92.4147, 92.2817,
35.3543


 10.0864, 9.5030,
0.4495


 118.7001,
119.0299, 50.3954

 5.5190, 5.0707,
0.0000

 149.5495,
150.5037, 69.1920

 2.5927, 2.2888,
0.0000

 185.3282,
187.0875, 92.1628

 0.9422, 0.7678,
0.0000

 226.4016,

 0.0000, 0.0000,

229.1656, 119.7261

0.0000

273.1350,
277.1225, 152.3006

■ 37.2890, 36.5464,
8.5788

■ 37.2890, 36.5464,
8.5788

■ 35.8284, 34.2379,
6.2037

■ 39.0134, 39.0613,
12.0333

■ 34.6009, 32.1175,
4.7633

■ 41.0223, 41.7880,
16.6833

■ 33.8995, 30.8330,
4.1647

■ 43.3369, 44.7379,
22.6320

■ 45.9755, 47.9198,
29.9710

■ 48.9547, 51.3418,
38.7834

■ 52.2898, 55.0114,
49.1457

■ 55.9952, 58.9357,
61.1291

■ 60.0843, 63.1215,
74.8006

■ 64.5699, 67.5751,
90.2229

Harmonies

Analogous

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



46.3339, 36.5464, 12.6873



37.2890, 36.5464, 8.5788



28.9102, 36.5464, 9.6387

Triad

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



37.2890, 36.5464, 8.5788



21.2830, 36.5464, 60.2682



49.6879, 36.5464, 78.0901

Complementary

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



37.2890, 36.5464, 8.5788



17.2704, 14.8437, 59.0811

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.



41.2967, 36.5464, 103.8167



37.2890, 36.5464, 8.5788



25.2560, 36.5464, 90.8669

Square

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



37.2890, 36.5464, 8.5788



20.5771, 36.5464, 33.0725



32.3028, 36.5464, 109.2811



54.2412, 36.5464, 47.3670

Rectangle

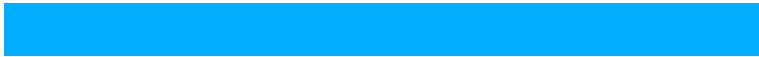
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.2890, 36.5464, 8.5788



24.7108, 36.5464, 13.4643



32.3028, 36.5464, 109.2811



47.1617, 36.5464, 88.0660

Sweetspot

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



37.2898, 36.5482, 8.5795



81.7276, 85.7598, 66.2178



28.7197, 16.4754, 14.7635



17.1863, 18.0113, 13.2429



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.



37.2898, 36.5482, 8.5795



58.1494, 54.6915, 8.7606



40.8490, 53.0354, 11.5743



11.8330, 12.4550, 11.8598



21.4248, 19.5826, 2.6506



1.1726, 1.1449, 0.1592

Inverse Universe

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



17.2704, 14.8437, 59.0811



23.5430, 17.3849, 96.7225



15.4429, 8.6606, 57.9840



10.8960, 11.4325, 14.2028



8.1857, 5.3953, 36.5662



0.4914, 0.4166, 1.9095

Previews

White Background



This preview shows how the XYZ color 37.2890, 36.5464, 8.5788 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 37.2890, 36.5464, 8.5788 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 37.2890, 36.5464, 8.5788

Background



This preview shows how black text looks on a background with the XYZ color 37.2890, 36.5464, 8.5788.



This preview shows how white text looks on a background with the XYZ color 37.2890, 36.5464,

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

37.2890, 36.5464, 8.5788

Protanopia

33.1024, 36.4250, 9.0274

Deuteranopia

37.2890, 36.5464, 8.5788



Tritanopia

42.9901, 36.5000, 36.2319

Trichromacy



Original Color

37.2890, 36.5464, 8.5788

Protanomaly

34.4956, 36.3646, 8.8154

Deuteranomaly

37.2890, 36.5464, 8.5788

Tritanomaly

40.0896, 36.2367, 22.3342

Monochromacy



Original Color

37.2890, 36.5464, 8.5788

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1263, 34.5840, 22.6987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2890, 36.5464, 8.5788 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(204, 155, 54)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 54)  
}
```

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(204, 155, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 54) }
```

Border

The CSS property to change the border of an element to XYZ 37.2890, 36.5464, 8.5788 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(204, 155, 54) }
```


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

```
.border{ border-color:rgb(204, 155, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 155, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 54);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2890, 36.5464, 8.5788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 54) }
```

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

```
.background{ background-color: rgb(204,  
155, 54) }
```

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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