

Converting Colors

XYZ(34.6511, 35.9087, 5.1852)

Have a look what the booklet for
XYZ(34.6511, 35.9087, 5.1852)
contains.

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Color

**XYZ(34.7490, 36.0624,
5.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	C39E03
RGB	195, 158, 3
RGB Percent	76%, 62%, 1%
CMY	0.2353, 0.3804, 0.9882
CMYK	0.00, 0.19, 0.98, 0.24
HSL	48°, 97%, 39%
HSV	48°, 98%, 76%
XYZ	34.7490, 36.0624, 5.2154
YIQ	151.3930, 71.8070, -40.3610

Conversions

Conversions Part 2

Format	Color
RYB	49, 195, 3
Decimal	12819971
CIELab	66.57, 1.63, 69.72
CIELCh	67, 69.743, 88.662
Yxy	36.0624, 0.4571, 0.4743
Android (android.graphics.Color)	4291010051 (0xFFC39E03)
YUV	151.3930, -73.1577, 38.2433
Hunter-Lab	60.0520, -1.8022, 36.8872

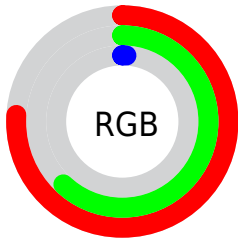
Details

The XYZ color **34.7490, 36.0624, 5.2154** 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 **10.6470, 5.4776, 52.1256**, and the grayscale version is **29.8681, 31.4236, 34.2203**.

A 20% lighter version of the original color is **66.0880, 68.8688, 16.6473**, and **15.4110, 15.7496, 2.2277** is the 20% darker color. If you saturate the color by 10%, you get **34.6345, 35.8599, 5.0962**, and if you desaturate by 10%, it is **35.5339, 37.4191, 6.1351**.

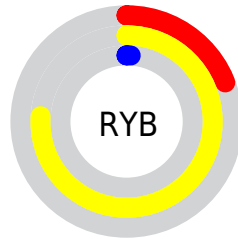
Distribution



Red (76%)

Green (62%)

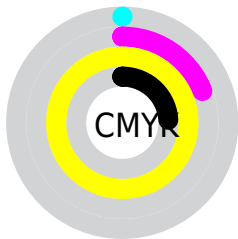
Blue (1%)



Red (19%)

Yellow (76%)

Blue (1%)

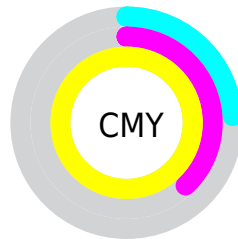


Cyan (0%)

Magenta (19%)

Yellow (98%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7490, 36.0624, 5.2154 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 34.7490, 36.0624, 5.2154 by changing the saturation by 10% instead.


 34.7490, 36.0624,
5.2154


 34.7490, 36.0624,
5.2154


314.9865,
329.2332, 160.9041


 23.6352, 24.4824,
2.3133


 66.4333, 69.1284,
16.7279

 15.1865, 15.6918,
0.7386


 87.7346, 91.3831,
26.1753

 9.0375, 9.3064,
0.0000


 113.1623,
117.9649, 38.6415

 4.8230, 4.9415,
0.0000

 143.0820,
149.2581, 54.5451

 2.1775, 2.2130,
0.0000

 177.8589,
185.6472, 74.3047

 0.7308, 0.7271,
0.0000

 217.8584,

 0.0000, 0.0000,

227.5164, 98.3386

0.0000

263.4458,
275.2503, 127.0656

34.7490, 36.0624,
5.2154

34.7490, 36.0624,
5.2154

34.6345, 35.8599,
5.0962

35.5339, 37.4191,
6.1351

36.4729, 38.8676,
7.7716

37.6014, 40.4239,
10.3085

38.9416, 42.0970,
13.8603

40.5119, 43.8946,
18.5245

■ 42.3290, 45.8235,
24.3873

■ 44.4078, 47.8901,
31.5263

■ 46.7618, 50.1000,
40.0125

■ 49.4037, 52.4585,
49.9117

Harmonies

Analogous

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



45.8609, 36.0624, 7.7232



34.7490, 36.0624, 5.2154



25.4911, 36.0624, 7.2762

Triad

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



34.7490, 36.0624, 5.2154



19.4607, 36.0624, 73.9598



54.5288, 36.0624, 77.5777

Complementary

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



34.7490, 36.0624, 5.2154



10.6470, 5.4776, 52.1256

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.



44.8783, 36.0624, 114.7931



34.7490, 36.0624, 5.2154



24.8278, 36.0624, 112.0594

Square

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



34.7490, 36.0624, 5.2154



17.8198, 36.0624, 37.9334



33.8078, 36.0624, 129.8318



58.6260, 36.0624, 40.6291

Rectangle

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



34.7490, 36.0624, 5.2154



21.2634, 36.0624, 12.1520



33.8078, 36.0624, 129.8318



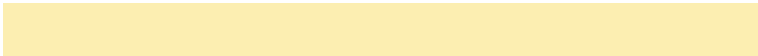
51.7413, 36.0624, 91.0488

Sweetspot

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



34.7498, 36.0642, 5.2161



78.7483, 85.0081, 53.7039



22.9457, 11.8304, 3.2097



16.8908, 18.2654, 10.5384



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.



34.7498, 36.0642, 5.2161



61.8546, 63.8726, 9.0686



29.9143, 44.3891, 7.0778



10.7432, 11.4178, 10.6995



22.5695, 23.4247, 3.3319



1.0185, 1.0988, 0.1584

Inverse Universe

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



10.6470, 5.4776, 52.1256



18.7256, 9.2239, 93.2632



11.7835, 4.9853, 51.9706



9.6819, 10.0552, 12.7154



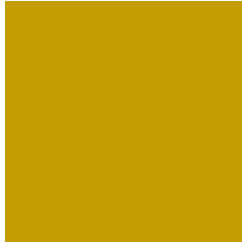
6.8910, 3.5385, 33.8764



0.3460, 0.2493, 1.4798

Previews

White Background



This preview shows how the XYZ color 34.7490, 36.0624, 5.2154 looks on a white background.

Color Contrast Check

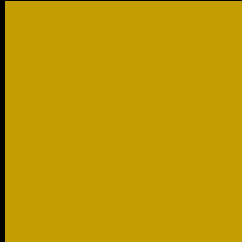
Large Text (above 18pt) WCAG AA × Fail

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 34.7490, 36.0624, 5.2154 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 34.7490, 36.0624, 5.2154

Background



This preview shows how black text looks on a background with the XYZ color 34.7490, 36.0624, 5.2154.



This preview shows how white text looks on a background with the XYZ color 34.7490, 36.0624,

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

34.7490, 36.0624, 5.2154

Protanopia

32.6749, 36.2814, 5.5393

Deuteranopia

36.8187, 36.1248, 5.4842



Tritanopia

41.2339, 36.0326, 37.1295

Trichromacy



Original Color

34.7490, 36.0624, 5.2154

Protanomaly

33.2767, 36.0699, 5.4093

Deuteranomaly

35.8691, 35.8844, 5.3525

Tritanomaly

37.2843, 35.3719, 17.4327

Monochromacy



Original Color

34.7490, 36.0624, 5.2154

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6496, 32.1898, 15.9598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7490, 36.0624, 5.2154 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(195, 158, 3)` looks like.

```
.text, #text, p{  
    color:rgb(195, 158, 3)  
}
```

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(195, 158, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 158, 3) }
```

Border

The CSS property to change the border of an element to XYZ 34.7490, 36.0624, 5.2154 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(195, 158, 3) }
```


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

```
.border{ border-color:rgb(195, 158, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 158, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 158, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 158, 3);  
box-shadow:4px 4px 4px 4px rgb(195, 158,  
3) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7490, 36.0624, 5.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 158, 3) }
```

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

```
.background{ background-color: rgb(195,  
158, 3) }
```

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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