

Converting Colors

XYZ(37.3990, 32.2643, 13.9805)

Have a look what the booklet for
XYZ(37.3990, 32.2643, 13.9805)
contains.

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Color

**XYZ(37.3695, 32.3311,
13.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	D2895A
RGB	210, 137, 90
RGB Percent	82%, 54%, 35%
CMY	0.1765, 0.4627, 0.6471
CMYK	0.00, 0.35, 0.57, 0.18
HSL	24°, 57%, 59%
HSV	24°, 57%, 82%
XYZ	37.3695, 32.3311, 13.9438
YIQ	153.4690, 58.5950, 0.8590

Conversions

Conversions Part 2

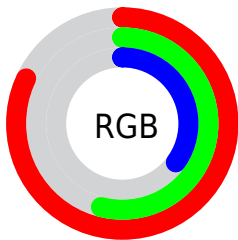
Format	Color
R _Y B	210, 167, 90
Decimal	13797722
CIE Lab	63.62, 23.12, 36.46
CIE LCh	64, 43.173, 57.616
Yxy	32.3311, 0.4468, 0.3865
Android (android.graphics.Color)	4291987802 (0xFFD2895A)
YUV	153.4690, -31.2902, 49.5777
Hunter-Lab	56.8604, 17.8070, 25.2627

Details

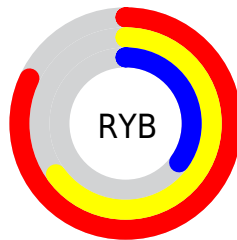
The XYZ color **37.3695, 32.3311, 13.9438** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.9459, 33.0198, 65.8205**, and the grayscale version is **30.5979, 32.1914, 35.0564**.

A 20% lighter version of the original color is **64.6785, 60.4447, 33.4574**, and **16.7750, 13.6590, 3.9428** is the 20% darker color. If you saturate the color by 10%, you get **34.8892, 28.6047, 9.3129**, and if you desaturate by 10%, it is **40.3188, 36.5918, 19.9773**.

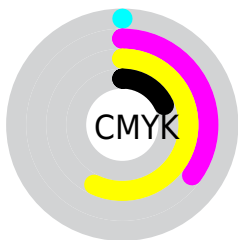
Distribution



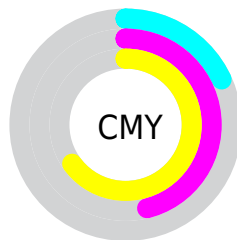
- Red (82%)
- Green (54%)
- Blue (35%)



- Red (82%)
- Yellow (65%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (57%)
- Black (18%)





- Cyan (18%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3695, 32.3311, 13.9438 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 37.3695, 32.3311, 13.9438 by changing the saturation by 10% instead.


 37.3695, 32.3311,
13.9438


 37.3695, 32.3311,
13.9438


326.2353,
312.6248, 228.2972

 25.6687, 21.6145,
7.9433


 70.4509, 63.3298,
33.7050

 16.7073, 13.5739,
3.9714


 92.5621, 84.3807,
48.3027

 10.1201, 7.8249,
1.6097


 118.8743,
109.6452, 66.6032

 5.5415, 3.9831,
0.2977

 149.7526,
139.5076, 89.0252

 2.6063, 1.6641,
0.0000

185.5625,
174.3524, 115.9870

 0.9492, 0.4003,
0.0000

226.6694,

 0.0000, 0.0000,

214.5639, 147.9072

0.0000

273.4385,
260.5266, 185.2044

■ 37.3695, 32.3311,
13.9438

■ 37.3695, 32.3311,
13.9438

■ 34.8892, 28.6047,
9.3129

■ 40.3188, 36.5918,
19.9773

■ 32.8463, 25.3839,
5.9649

■ 43.7614, 41.4038,
27.5156

■ 31.2080, 22.6445,
3.7630

■ 47.7221, 46.7894,
36.6537

■ 29.9317, 20.3558,
2.5238

■ 52.2235, 52.7678,
47.4779

■ 29.6151, 19.7752,
2.2561

■ 57.2866, 59.3575,
60.0684

■ 62.9314, 66.5760,
74.5003

■ 69.1766, 74.4401,
90.8442

■ 75.5531, 82.7712,
106.6021

■ 79.4302, 90.5255,
107.8945

Harmonies

Analogous

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



42.1945, 32.3311, 21.9420



37.3695, 32.3311, 13.9438



31.2148, 32.3311, 11.3526

Triad

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



37.3695, 32.3311, 13.9438



20.5374, 32.3311, 33.8392



36.4254, 32.3311, 73.5986

Complementary

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



37.3695, 32.3311, 13.9438



28.9459, 33.0198, 65.8205

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.



30.2497, 32.3311, 79.9109



37.3695, 32.3311, 13.9438



21.5561, 32.3311, 52.9535

Square

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



37.3695, 32.3311, 13.9438



21.9393, 32.3311, 20.2415



24.9271, 32.3311, 71.3622



41.6012, 32.3311, 56.1583

Rectangle

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



37.3695, 32.3311, 13.9438



27.3518, 32.3311, 12.0868



24.9271, 32.3311, 71.3622



34.3749, 32.3311, 77.2993

Sweetspot

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



37.3703, 32.3327, 13.9444



80.9967, 81.8301, 73.5819



36.9355, 23.6946, 37.7490



17.0182, 17.0956, 14.9732



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.



37.3703, 32.3327, 13.9444



53.2384, 42.9958, 12.8997



48.1638, 53.9197, 17.5422



12.1831, 12.5570, 12.3937



18.1562, 12.2454, 1.4067



1.0915, 0.8374, 0.1041

Inverse Universe

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



28.9459, 33.0198, 65.8205



38.8542, 44.0357, 101.0596



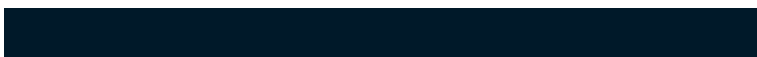
20.7999, 16.7278, 63.1052



11.7535, 12.5972, 15.0557



11.8843, 12.4152, 38.9625



0.7405, 0.8462, 2.2039

Previews

White Background



This preview shows how the XYZ color 37.3695, 32.3311, 13.9438 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 37.3695, 32.3311, 13.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

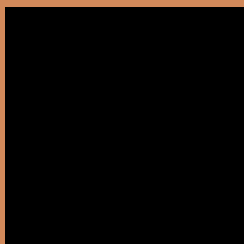
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3695, 32.3311, 13.9438

Background



This preview shows how black text looks on a background with the XYZ color 37.3695, 32.3311, 13.9438.



This preview shows how white text looks on a background with the XYZ color 37.3695, 32.3311,

13.9438.

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

37.3695, 32.3311, 13.9438

Protanopia

29.8617, 32.2991, 15.9697

Deuteranopia

32.9342, 32.2634, 13.7242



Tritanopia

40.5815, 32.4222, 28.9302

Trichromacy



Original Color

37.3695, 32.3311, 13.9438

Protanomaly

32.1387, 32.0552, 15.0831

Deuteranomaly

34.3906, 32.1020, 13.8349

Tritanomaly

39.3410, 32.3263, 22.5785

Monochromacy



Original Color

37.3695, 32.3311, 13.9438

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9185, 31.4778, 25.5126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3695, 32.3311, 13.9438 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(210, 137, 90)` looks like.

```
.text, #text, p{  
    color:rgb(210, 137, 90)  
}
```

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(210, 137, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 137, 90) }
```

Border

The CSS property to change the border of an element to XYZ 37.3695, 32.3311, 13.9438 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(210, 137, 90) }
```


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

```
.border{ border-color:rgb(210, 137, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 137, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 137, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 137, 90);  
box-shadow:4px 4px 4px 4px rgb(210, 137,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3695, 32.3311, 13.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 137, 90) }
```

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

```
.background{ background-color: rgb(210,  
137, 90) }
```

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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