

Converting Colors

XYZ(44.0464, 38.0757, 14.8705)

Have a look what the booklet for
XYZ(44.0464, 38.0757, 14.8705)
contains.

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Color

**XYZ(44.0006, 37.9537,
14.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	E3935B
RGB	227, 147, 91
RGB Percent	89%, 58%, 36%
CMY	0.1098, 0.4235, 0.6431
CMYK	0.00, 0.35, 0.60, 0.11
HSL	25°, 71%, 62%
HSV	25°, 60%, 89%
XYZ	44.0006, 37.9537, 14.9042
YIQ	164.5360, 65.6560, -0.4560

Conversions

Conversions Part 2

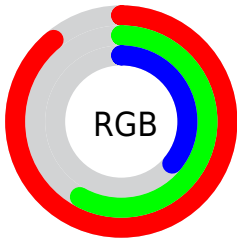
Format	Color
R _Y B	227, 186, 91
Decimal	14914395
CIE Lab	67.99, 24.78, 41.73
CIE LCh	68, 48.534, 59.297
Yxy	37.9537, 0.4543, 0.3918
Android (android.graphics.Color)	4293104475 (0xFFE3935B)
YUV	164.5360, -36.2532, 54.7809
Hunter-Lab	61.6066, 19.6766, 28.7808

Details

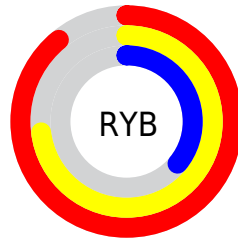
The XYZ color **44.0006, 37.9537, 14.9042** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **32.7415, 36.8940, 78.0682**, and the grayscale version is **35.6889, 37.5475, 40.8892**.

A 20% lighter version of the original color is **67.0091, 64.9863, 34.6030**, and **20.7674, 16.8650, 4.4462** is the 20% darker color. If you saturate the color by 10%, you get **41.2084, 33.7067, 9.8514**, and if you desaturate by 10%, it is **47.3317, 42.8050, 21.5982**.

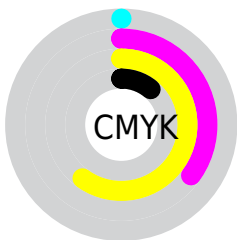
Distribution



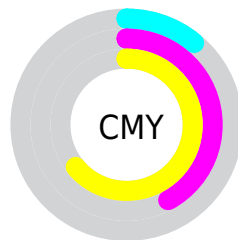
- Red (89%)
- Green (58%)
- Blue (36%)



- Red (89%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0006, 37.9537, 14.9042 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 44.0006, 37.9537, 14.9042 by changing the saturation by 10% instead.


 44.0006, 37.9537,
14.9042


 44.0006, 37.9537,
14.9042


353.5629,
337.4213, 234.4064

 30.8689, 25.9468,
8.6063

 80.4650, 72.0372,
35.4250


 20.6504, 16.7838,
4.3920


 104.5284, 94.8825,
50.4849

 12.9797, 10.0805,
1.8428


 132.9664,
122.1094, 69.3026

 7.4915, 5.4523,
0.4559

 166.1443,
154.1022, 92.2966

 3.8204, 2.5150,
0.0000

204.4276,
191.2455, 119.8854

 1.6010, 0.8842,
0.0000

248.1816,

 0.3931, 0.0000,

233.9235, 152.4877

0.0000

297.7715,
282.5206, 190.5218

■ 0.0000, 0.0000,
0.0000

■ 44.0006, 37.9537,
14.9042

■ 44.0006, 37.9537,
14.9042

■ 41.2084, 33.7067,
9.8514

■ 47.3317, 42.8050,
21.5982

■ 38.9166, 30.0308,
6.2892

■ 51.2311, 48.2801,
30.0612

■ 37.0846, 26.8974,
4.0426

■ 55.7287, 54.4046,
40.4110

■ 35.6466, 24.2655,
2.8107

■ 60.8517, 61.2007,
52.7541

■ 35.6350, 24.2440,
2.8014

■ 66.6251, 68.6894,
67.1893

■ 73.0727, 76.8908,
83.8088

■ 80.2168, 85.8240,
102.6990

■ 85.1137, 94.3215,
108.3276

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



50.2641, 37.9537, 24.1442



44.0006, 37.9537, 14.9042



36.2521, 37.9537, 12.1449

Triad

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



44.0006, 37.9537, 14.9042



23.4239, 37.9537, 40.8176



43.6497, 37.9537, 89.1874

Complementary

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



44.0006, 37.9537, 14.9042



32.7415, 36.8940, 78.0682

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.



35.8962, 37.9537, 98.3557



44.0006, 37.9537, 14.9042



24.8424, 37.9537, 65.1760

Square

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



44.0006, 37.9537, 14.9042



24.9814, 37.9537, 23.5326



29.1613, 37.9537, 88.3391



50.0425, 37.9537, 66.3792

Rectangle

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



44.0006, 37.9537, 14.9042



31.4883, 37.9537, 13.2049



29.1613, 37.9537, 88.3391



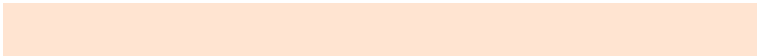
41.0842, 37.9537, 94.2578

Sweetspot

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



44.0015, 37.9556, 14.9049



80.5050, 81.3563, 71.8468



42.9238, 26.8149, 42.2461



16.7853, 16.8291, 14.2812



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.



44.0015, 37.9556, 14.9049



52.8252, 42.5900, 11.4653



57.4617, 64.8760, 19.3916



14.8620, 15.3379, 15.0817



20.8911, 14.3563, 1.6700



1.6334, 1.2402, 0.1533

Inverse Universe

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



32.7415, 36.8940, 78.0682



36.8768, 40.9724, 100.5726



23.1906, 17.7924, 74.8846



14.2838, 15.2891, 18.3426



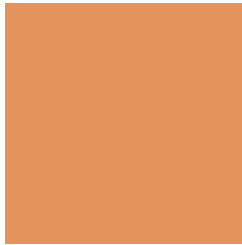
13.1370, 13.3361, 44.2649



1.0618, 1.1675, 3.3013

Previews

White Background



This preview shows how the XYZ color 44.0006, 37.9537, 14.9042 looks on a white background.

Color Contrast Check

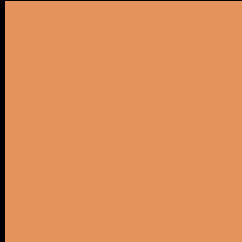
Large Text (above 18pt) WCAG AA × Fail

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 44.0006, 37.9537, 14.9042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

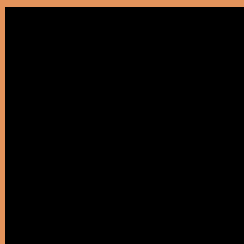
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0006, 37.9537, 14.9042

Background



This preview shows how black text looks on a background with the XYZ color 44.0006, 37.9537, 14.9042.



This preview shows how white text looks on a background with the XYZ color 44.0006, 37.9537,

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

44.0006, 37.9537, 14.9042

Protanopia

35.1322, 38.0994, 17.0575

Deuteranopia

38.6586, 37.8715, 14.7236



Tritanopia

47.8381, 37.9471, 33.6573

Trichromacy



Original Color

44.0006, 37.9537, 14.9042

Protanomaly

37.7524, 37.6283, 16.0997

Deuteranomaly

40.5524, 37.8464, 14.8406

Tritanomaly

46.4180, 38.0529, 25.6673

Monochromacy



Original Color

44.0006, 37.9537, 14.9042

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.5533, 36.9801, 29.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0006, 37.9537, 14.9042 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(227, 147, 91)` looks like.

```
.text, #text, p{  
    color:rgb(227, 147, 91)  
}
```

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(227, 147, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 147, 91) }
```

Border

The CSS property to change the border of an element to XYZ 44.0006, 37.9537, 14.9042 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(227, 147, 91) }
```


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

```
.border{ border-color:rgb(227, 147, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 147, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 147, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 147, 91);  
box-shadow:4px 4px 4px 4px rgb(227, 147,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0006, 37.9537, 14.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 147, 91) }
```

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

```
.background{ background-color: rgb(227,  
147, 91) }
```

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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