

Converting Colors

XYZ(43.1162, 36.4671, 10.3487)

Have a look what the booklet for
XYZ(43.1162, 36.4671, 10.3487)
contains.

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Color

**XYZ(43.0603, 36.4337,
10.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	E58E45
RGB	229, 142, 69
RGB Percent	90%, 56%, 27%
CMY	0.1020, 0.4431, 0.7294
CMYK	0.00, 0.38, 0.70, 0.10
HSL	27°, 75%, 58%
HSV	27°, 70%, 90%
XYZ	43.0603, 36.4337, 10.3931
YIQ	159.6910, 75.2850, -4.2590

Conversions

Conversions Part 2

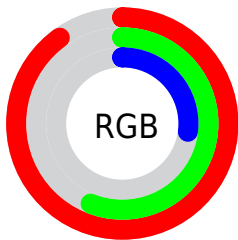
Format	Color
R _{YB}	229, 203, 69
Decimal	15044165
CIE _{Lab}	66.85, 26.90, 51.44
CIE _{LCh}	67, 58.053, 62.390
Yxy	36.4337, 0.4790, 0.4053
Android (android.graphics.Color)	4293234245 (0xFFE58E45)
YUV	159.6910, -44.7107, 60.7840
Hunter-Lab	60.3603, 21.7091, 32.0434

Details

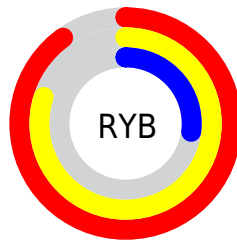
The XYZ color **43.0603, 36.4337, 10.3931** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **28.4848, 30.6976, 78.5522**, and the grayscale version is **33.4473, 35.1891, 38.3210**.

A 20% lighter version of the original color is **64.3701, 62.0959, 26.3623**, and **19.9831, 15.8444, 2.4953** is the 20% darker color. If you saturate the color by 10%, you get **40.7317, 32.7033, 6.7609**, and if you desaturate by 10%, it is **45.8717, 40.6915, 15.5393**.

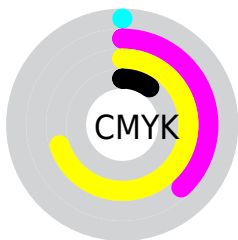
Distribution



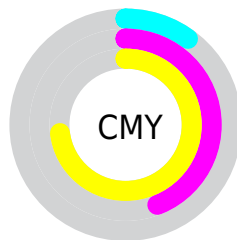
- Red (90%)
- Green (56%)
- Blue (27%)



- Red (90%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (70%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0603, 36.4337, 10.3931 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 43.0603, 36.4337, 10.3931 by changing the saturation by 10% instead.


 43.0603, 36.4337,
10.3931


 43.0603, 36.4337,
10.3931

349.7770,
330.8522, 204.0408


 30.1272, 24.7693,
5.5514


 79.0570, 69.7009,
27.1516

 20.0837, 15.9053,
2.5099


 102.8513, 92.0726,
39.9054


 12.5645, 9.4572,
0.8454

 130.9966,
118.7822, 56.1337

 7.2043, 5.0406,
0.0000

 163.8584,
150.2140, 76.2550

 3.6376, 2.2711,
0.0000

 201.8020,
186.7526, 100.6878

 1.4993, 0.7583,
0.0000

245.1927,

 0.3253, 0.0000,

228.7822, 129.8507

0.0000

294.3959,
276.6873, 164.1622

■ 0.0000, 0.0000,
0.0000

■ 43.0603, 36.4337,
10.3931

■ 43.0603, 36.4337,
10.3931

■ 40.7317, 32.7033,
6.7609

■ 45.8717, 40.6915,
15.5393

■ 38.8431, 29.4675,
4.4618

■ 49.1980, 45.4951,
22.3484


■ 37.3309, 26.6913,
3.1931


■ 53.0711, 50.8688,
30.9533


■ 37.3126, 26.6573,
3.1788


■ 57.5190, 56.8333,
41.4728

■ 62.5676, 63.4080,
54.0154

 68.2413, 70.6115,
68.6814

 74.5626, 78.4612,
85.5645

 81.5532, 86.9742,
104.7525

 85.8256, 94.8033,
108.3831

Harmonies

Analogous

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



50.9369, 36.4337, 18.9921



43.0603, 36.4337, 10.3931



33.9295, 36.4337, 8.3121

Triad

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



43.0603, 36.4337, 10.3931



20.3479, 36.4337, 41.7219



44.4866, 36.4337, 96.1306

Complementary

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



43.0603, 36.4337, 10.3931



28.4848, 30.6976, 78.5522

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.



35.3383, 36.4337, 110.2725



43.0603, 36.4337, 10.3931



22.2365, 36.4337, 71.6293

Square

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



43.0603, 36.4337, 10.3931



21.7163, 36.4337, 21.2118



27.3773, 36.4337, 99.8163



51.8534, 36.4337, 66.5720

Rectangle

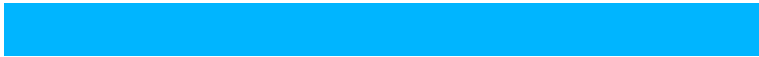
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.0603, 36.4337, 10.3931



28.5863, 36.4337, 9.6495



27.3773, 36.4337, 99.8163



41.4687, 36.4337, 103.2993

Sweetspot

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



43.0611, 36.4356, 10.3938



79.0005, 79.8280, 66.7809



40.5270, 23.3488, 34.2693



16.5153, 16.5765, 13.3052



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.



43.0611, 36.4356, 10.3938



50.8024, 39.7500, 7.0745



59.2435, 68.8003, 15.7879



14.9160, 15.4459, 15.0997



21.4508, 15.4757, 1.8565



1.6770, 1.3274, 0.1678

Inverse Universe

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



28.4848, 30.6976, 78.5522



31.0581, 31.8906, 99.1263



19.2512, 12.2304, 75.4744



14.2289, 15.1792, 18.3243



12.3658, 11.7937, 44.0078



1.0064, 1.0567, 3.2829

Previews

White Background



This preview shows how the XYZ color 43.0603, 36.4337, 10.3931 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 43.0603, 36.4337, 10.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

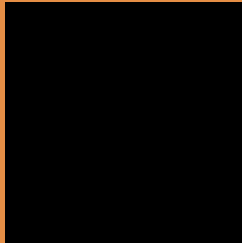
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0603, 36.4337, 10.3931

Background



This preview shows how black text looks on a background with the XYZ color 43.0603, 36.4337, 10.3931.



This preview shows how white text looks on a background with the XYZ color 43.0603, 36.4337,

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

43.0603, 36.4337, 10.3931

Protanopia

33.4232, 36.5261, 11.9453

Deuteranopia

37.3333, 36.5325, 10.2381



Tritanopia

47.4908, 36.5562, 30.9386

Trichromacy



Original Color

43.0603, 36.4337, 10.3931

Protanomaly

36.2126, 35.9295, 11.3298

Deuteranomaly

39.0708, 36.2150, 10.2411

Tritanomaly

45.4353, 36.3315, 21.4476

Monochromacy



Original Color

43.0603, 36.4337, 10.3931

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.2296, 34.6291, 24.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0603, 36.4337, 10.3931 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(229, 142, 69)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 69)  
}
```

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(229, 142, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 69) }
```

Border

The CSS property to change the border of an element to XYZ 43.0603, 36.4337, 10.3931 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(229, 142, 69) }
```


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

```
.border{ border-color:rgb(229, 142, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 142, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 69);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0603, 36.4337, 10.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 69) }
```

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

```
.background{ background-color: rgb(229,  
142, 69) }
```

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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