

Converting Colors

XYZ(44.2949, 36.9851, 15.1615)

Have a look what the booklet for
XYZ(44.2949, 36.9851, 15.1615)
contains.

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Color

**XYZ(44.2819, 36.9593,
15.1559)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E68E5D |
| RGB | 230, 142, 93 |
| RGB Percent | 90%, 56%, 36% |
| CMY | 0.0980, 0.4431, 0.6353 |
| CMYK | 0.00, 0.38, 0.60, 0.10 |
| HSL | 21°, 73%, 63% |
| HSV | 21°, 60%, 90% |
| XYZ | 44.2819, 36.9593, 15.1559 |
| YIQ | 162.7260, 68.1770, 3.4170 |

Conversions

Conversions Part 2

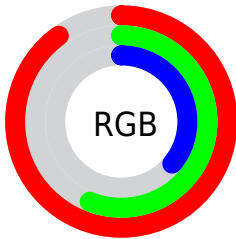
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 230, 169, 93 |
| Decimal | 15109725 |
| CIE Lab | 67.25, 28.79, 39.88 |
| CIE LCh | 67, 49.186, 54.170 |
| Yxy | 36.9593, 0.4594, 0.3834 |
| Android (android.graphics.Color) | 4293299805 (0xFFE68E5D) |
| YUV | 162.7260, -34.3749, 58.9993 |
| Hunter-Lab | 60.7942, 23.6280, 27.7750 |

Details

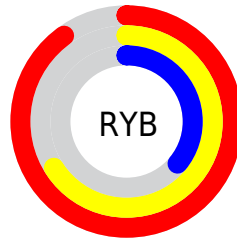
The XYZ color **44.2819, 36.9593, 15.1559** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **35.3200, 41.0859, 80.9313**, and the grayscale version is **34.8189, 36.6321, 39.8924**.

A 20% lighter version of the original color is **66.0140, 62.7535, 35.0189**, and **20.7923, 16.2177, 4.5171** is the 20% darker color. If you saturate the color by 10%, you get **41.3581, 32.5043, 9.8888**, and if you desaturate by 10%, it is **47.8051, 42.1232, 22.1345**.

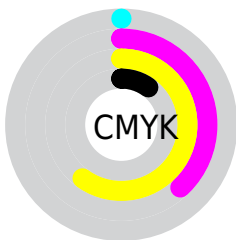
Distribution



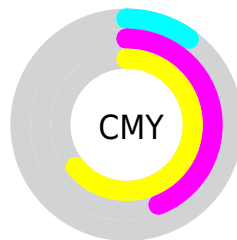
- Red (90%)
- Green (56%)
- Blue (36%)



- Red (90%)
- Yellow (66%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2819, 36.9593, 15.1559 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 44.2819, 36.9593, 15.1559 by changing the saturation by 10% instead.


 44.2819, 36.9593,
15.1559


 44.2819, 36.9593,
15.1559


354.6902,
333.1343, 235.9811

 31.0911, 25.1760,
8.7810


 80.8855, 70.5102,
35.8726

 20.8204, 16.2082,
4.5038


 105.0289, 93.0465,
51.0515

 13.1045, 9.6716,
1.9056


 133.5540,
119.9360, 70.0022

 7.5780, 5.1818,
0.4963

 166.8259,
151.5630, 93.1432

 3.8757, 2.3543,
0.0000

205.2102,
188.3120, 120.8931

 1.6320, 0.8022,
0.0000

249.0721,

 0.4131, 0.0000,

230.5672, 153.6703

0.0000

298.7770,
278.7132, 191.8935

■ 0.0000, 0.0000,
0.0000

■ 44.2819, 36.9593,
15.1559

■ 44.2819, 36.9593,
15.1559

■ 41.3581, 32.5043,
9.8888

■ 47.8051, 42.1232,
22.1345

■ 38.9912, 28.7185,
6.1777

■ 51.9607, 48.0218,
30.9572

■ 37.1364, 25.5660,
3.8417

■ 56.7821, 54.6864,
41.7459

■ 35.7252, 22.9987,
2.5850

■ 62.2994, 62.1445,
54.6113

■ 35.6708, 22.8986,
2.5398

■ 68.5409, 70.4223,
69.6558

■ 75.5330, 79.5447,
86.9750

■ 83.3009, 89.5354,
106.6587

■ 86.4429, 95.5629,
108.4972

Harmonies

Analogous

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



50.0253, 36.9593, 25.5684



44.2819, 36.9593, 15.1559



36.6166, 36.9593, 11.5212

Triad

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



44.2819, 36.9593, 15.1559



22.6281, 36.9593, 36.1845



41.3818, 36.9593, 91.0190

Complementary

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



44.2819, 36.9593, 15.1559



35.3200, 41.0859, 80.9313

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.



33.6816, 36.9593, 97.0272



44.2819, 36.9593, 15.1559



23.5286, 36.9593, 59.6702

Square

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



44.2819, 36.9593, 15.1559



24.6699, 36.9593, 20.5572



27.3327, 36.9593, 83.9682



48.1908, 36.9593, 69.6444

Rectangle

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



44.2819, 36.9593, 15.1559



31.7097, 36.9593, 11.9810



27.3327, 36.9593, 83.9682



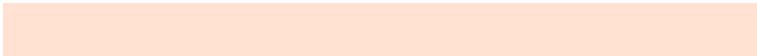
38.7851, 36.9593, 95.1606

Sweetspot

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



44.2828, 36.9612, 15.1566



79.8267, 79.9997, 71.6207



44.9961, 28.0314, 47.3222



16.6211, 16.5008, 14.2264



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.



44.2828, 36.9612, 15.1566



51.6654, 40.1358, 11.4937



57.5198, 63.4352, 19.5689



14.7968, 15.2075, 15.0599



20.3000, 13.1742, 1.4729



1.5855, 1.1443, 0.1373

Inverse Universe

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



35.3200, 41.0859, 80.9313



39.3351, 45.6037, 101.3370



24.7641, 19.9740, 77.4127



14.3511, 15.4235, 18.3650



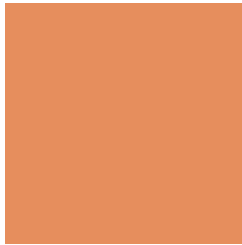
14.1770, 15.4162, 44.6116



1.1347, 1.3133, 3.3257

Previews

White Background



This preview shows how the XYZ color 44.2819, 36.9593, 15.1559 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 44.2819, 36.9593, 15.1559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

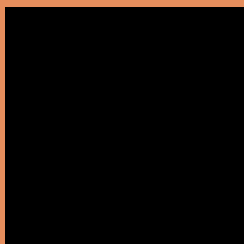
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2819, 36.9593, 15.1559

Background



This preview shows how black text looks on a background with the XYZ color 44.2819, 36.9593, 15.1559.



This preview shows how white text looks on a background with the XYZ color 44.2819, 36.9593,

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

44.2819, 36.9593, 15.1559

Protanopia

34.2148, 37.0742, 17.6646

Deuteranopia

37.8213, 36.9326, 14.8082



Tritanopia

47.7065, 36.8647, 31.3893

Trichromacy



Original Color

44.2819, 36.9593, 15.1559

Protanomaly

37.3818, 36.6645, 16.6620

Deuteranomaly

40.1063, 36.8856, 14.9033

Tritanomaly

46.4586, 37.0070, 24.4331

Monochromacy



Original Color

44.2819, 36.9593, 15.1559

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.8023, 35.8425, 29.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2819, 36.9593, 15.1559 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(230, 142, 93)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 93)  
}
```

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(230, 142, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 93) }
```

Border

The CSS property to change the border of an element to XYZ 44.2819, 36.9593, 15.1559 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(230, 142, 93) }
```


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

```
.border{ border-color:rgb(230, 142, 93) }
```

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

Here you see how a box with a 4 pixel rgb(230, 142, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 93);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2819, 36.9593, 15.1559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 93) }
```

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

```
.background{ background-color: rgb(230,  
142, 93) }
```

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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