

Converting Colors

XYZ(39.3981, 27.5714, 7.8943)

Have a look what the booklet for
XYZ(39.3981, 27.5714, 7.8943)
contains.

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Color

**XYZ(39.4518, 27.5831,
7.9474)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E9683F |
| RGB | 233, 104, 63 |
| RGB Percent | 91%, 41%, 25% |
| CMY | 0.0863, 0.5921, 0.7529 |
| CMYK | 0.00, 0.55, 0.73, 0.09 |
| HSL | 14°, 79%, 58% |
| HSV | 14°, 73%, 91% |
| XYZ | 39.4518, 27.5831, 7.9474 |
| YIQ | 137.8970, 90.0450, 14.5970 |

Conversions

Conversions Part 2

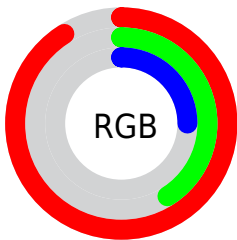
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 233, 117, 63 |
| Decimal | 15296575 |
| CIE _{Lab} | 59.51, 47.50, 46.61 |
| CIE _{LCh} | 60, 66.546, 44.456 |
| Yxy | 27.5831, 0.5261, 0.3679 |
| Android (android.graphics.Color) | 4293486655 (0xFFE9683F) |
| YUV | 137.8970, -36.9242, 83.4053 |
| Hunter-Lab | 52.5196, 42.1767, 27.7918 |

Details

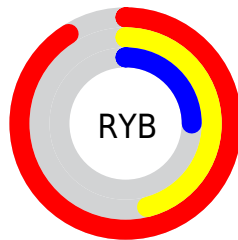
The XYZ color **39.4518, 27.5831, 7.9474** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **35.6061, 44.6363, 83.8294**, and the grayscale version is **24.2314, 25.4934, 27.7623**.

A 20% lighter version of the original color is **56.4475, 46.9060, 21.7014**, and **18.0214, 10.9736, 1.6202** is the 20% darker color. If you saturate the color by 10%, you get **37.3361, 24.1828, 4.6809**, and if you desaturate by 10%, it is **42.2172, 31.8427, 12.7891**.

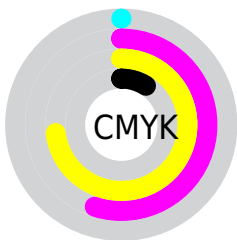
Distribution



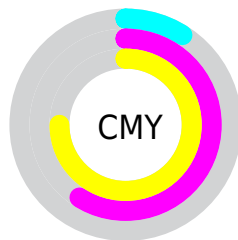
- Red (91%)
- Green (41%)
- Blue (25%)



- Red (91%)
- Yellow (46%)
- Blue (25%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (9%)





- Cyan (9%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4518, 27.5831, 7.9474 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 39.4518, 27.5831, 7.9474 by changing the saturation by 10% instead.


 39.4518, 27.5831,
7.9474


 39.4518, 27.5831,
7.9474


334.9817,
290.4694, 185.2380


 27.2937, 18.0116,
3.9740


 73.6177, 55.8181,
22.3997

 17.9316, 10.9583,
1.6111


 96.3561, 75.2505,
33.7158


 11.0003, 6.0388,
0.2987


 123.3521, 98.7386,
48.3164

 6.1343, 2.8687,
0.0000

 154.9709,
126.6669, 66.6202

 2.9684, 1.0636,
0.0000

 191.5779,
159.4197, 89.0458

 1.1371, 0.0000,
0.0000

 233.5385,

 0.0558, 0.0000,

197.3815, 116.0116

0.0000

281.2180,
240.9366, 147.9361

■ 0.0000, 0.0000,
0.0000

■ 39.4518, 27.5831,
7.9474

■ 39.4518, 27.5831,
7.9474

■ 37.3361, 24.1828,
4.6809

■ 42.2172, 31.8427,
12.7891

■ 35.8072, 21.5753,
2.7833


■ 45.6828, 37.0124,
19.3747


■ 35.0281, 20.1716,
2.0473


■ 49.8958, 43.1440,
27.8525


■ 54.8987, 50.2842,
38.3543

■ 60.7305, 58.4763,
51.0004

 67.4276, 67.7613,
65.9013

 75.0243, 78.1778,
83.1600

 83.5528, 89.7625,
102.8731

 87.4141, 96.0635,
108.5426

Harmonies

Analogous

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



45.0751, 27.5831, 19.9408



39.4518, 27.5831, 7.9474



30.7665, 27.5831, 3.9267

Triad

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



39.4518, 27.5831, 7.9474



13.5756, 27.5831, 19.3053



30.4398, 27.5831, 100.3450

Complementary

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



39.4518, 27.5831, 7.9474



35.6061, 44.6363, 83.8294

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.



22.1395, 27.5831, 99.8404



39.4518, 27.5831, 7.9474



13.5247, 27.5831, 43.0600

Square

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



39.4518, 27.5831, 7.9474



16.4902, 27.5831, 7.6954



16.3323, 27.5831, 75.2133



39.1692, 27.5831, 76.3585

Rectangle

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



39.4518, 27.5831, 7.9474



24.9871, 27.5831, 3.5420



16.3323, 27.5831, 75.2133



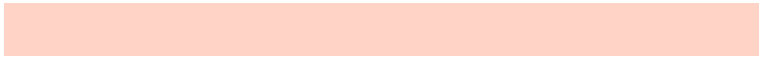
27.4864, 27.5831, 103.3218

Sweetspot

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



39.4524, 27.5846, 7.9479



75.1889, 72.6822, 64.0382



45.0445, 24.7439, 53.0492



15.6487, 14.9359, 12.7304



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.



39.4524, 27.5846, 7.9479



44.7093, 27.8112, 4.2805



52.4134, 53.5066, 12.2682



15.3605, 15.6440, 15.7287



19.9563, 11.6068, 1.1885



1.6401, 1.0576, 0.1177

Inverse Universe

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



35.6061, 44.6363, 83.8294



39.4597, 49.2184, 102.0281



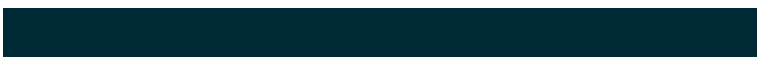
22.1558, 17.7358, 79.3460



15.1920, 16.4704, 19.3006



17.3451, 21.3372, 46.9473



1.4356, 1.8227, 3.7110

Previews

White Background



This preview shows how the XYZ color 39.4518, 27.5831, 7.9474 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4518, 27.5831, 7.9474 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 × Fail

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

XYZ 39.4518, 27.5831, 7.9474

Background



This preview shows how black text looks on a background with the XYZ color 39.4518, 27.5831, 7.9474.



This preview shows how white text looks on a background with the XYZ color 39.4518, 27.5831,

7.9474.

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

39.4518, 27.5831, 7.9474

Protanopia

25.5758, 27.8392, 10.8630

Deuteranopia

28.2257, 27.7509, 7.4832



Tritanopia

41.2726, 27.6058, 16.5177

Trichromacy



Original Color

39.4518, 27.5831, 7.9474

Protanomaly

29.2373, 26.5945, 9.5535

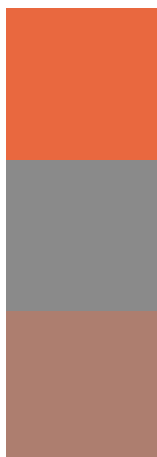
Deuteranomaly

31.6505, 27.1148, 7.5685

Tritanomaly

40.4308, 27.5380, 12.8573

Monochromacy



Original Color

39.4518, 27.5831, 7.9474

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.5637, 24.9536, 18.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4518, 27.5831, 7.9474 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(233, 104, 63)` looks like.

```
.text, #text, p{  
    color:rgb(233, 104, 63)  
}
```

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(233, 104, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 104, 63) }
```

Border

The CSS property to change the border of an element to XYZ 39.4518, 27.5831, 7.9474 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(233, 104, 63) }
```


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

```
.border{ border-color:rgb(233, 104, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 104, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 104, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 104, 63);  
box-shadow:4px 4px 4px 4px rgb(233, 104,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4518, 27.5831, 7.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 104, 63) }
```

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

```
.background{ background-color: rgb(233,  
104, 63) }
```

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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