

Converting Colors

XYZ(43.6258, 31.5975, 14.2276)

Have a look what the booklet for
XYZ(43.6258, 31.5975, 14.2276)
contains.

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Color

**XYZ(43.4811, 31.4582,
14.1363)**

Conversions

Conversions Part 1

Format	Color
Hex	EE745D
RGB	238, 116, 93
RGB Percent	93%, 45%, 36%
CMY	0.0667, 0.5451, 0.6353
CMYK	0.00, 0.51, 0.61, 0.07
HSL	10°, 81%, 65%
HSV	10°, 61%, 93%
XYZ	43.4811, 31.4582, 14.1363
YIQ	149.8560, 80.0950, 18.7110

Conversions

Conversions Part 2

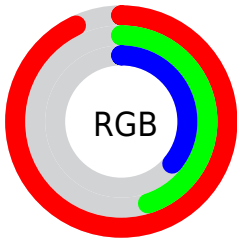
Format	Color
R _Y B	238, 120, 93
Decimal	15627357
CIE Lab	62.89, 45.21, 34.75
CIE LCh	63, 57.021, 37.548
Yxy	31.4582, 0.4881, 0.3532
Android (android.graphics.Color)	4293817437 (0xFFEE745D)
YUV	149.8560, -28.0300, 77.3023
Hunter-Lab	56.0876, 40.2262, 24.3179

Details

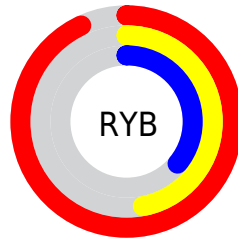
The XYZ color **43.4811, 31.4582, 14.1363** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **44.2457, 57.0979, 89.5776**, and the grayscale version is **29.0206, 30.5319, 33.2493**.

A 20% lighter version of the original color is **60.6488, 52.0231, 33.2305**, and **20.4021, 13.0994, 4.0379** is the 20% darker color. If you saturate the color by 10%, you get **40.5216, 26.9720, 8.7334**, and if you desaturate by 10%, it is **47.2675, 37.0738, 21.4331**.

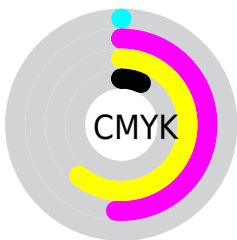
Distribution



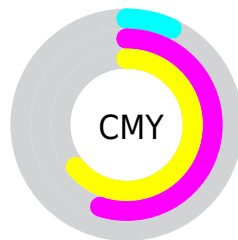
- Red (93%)
- Green (45%)
- Blue (36%)



- Red (93%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (7%)





- Cyan (7%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4811, 31.4582, 14.1363 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 43.4811, 31.4582, 14.1363 by changing the saturation by 10% instead.


 43.4811, 31.4582,
14.1363


 43.4811, 31.4582,
14.1363


351.4746,
308.6437, 229.5350


 30.4589, 20.9480,
8.0757


 79.6876, 61.9607,
34.0513

 20.3370, 13.0860,
4.0550


 103.6025, 82.7219,
48.7427

 12.7499, 7.4878,
1.6555

 131.8792,
107.6688, 67.1482

 7.3324, 3.7690,
0.3300

 164.8828,
137.1859, 89.6863

 3.7190, 1.5452,
0.0000

202.9789,
171.6575, 116.7754

 1.5444, 0.3202,
0.0000

246.5326,

 0.3558, 0.0000,

211.4681, 148.8342

0.0000

295.9094,
257.0020, 186.2812

■ 0.0000, 0.0000,
0.0000

■ 43.4811, 31.4582,
14.1363

■ 43.4811, 31.4582,
14.1363

■ 40.5216, 26.9720,
8.7334

■ 47.2675, 37.0738,
21.4331

■ 38.3229, 23.5330,
5.0458

■ 51.9355, 43.8837,
30.7771

■ 36.8118, 21.0556,
2.8630

■ 57.5377, 51.9534,
42.3077

■ 35.9453, 19.5481,
1.8786

■ 64.1216, 61.3427,
56.1515

■ 71.7318, 72.1070,
72.4255

■ 80.4098, 84.2989,
91.2387

■ 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



47.4269, 31.4582, 28.9003



43.4811, 31.4582, 14.1363



36.0203, 31.4582, 7.8734

Triad

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



43.4811, 31.4582, 14.1363



18.0421, 31.4582, 20.2943



31.9196, 31.4582, 97.1609

Complementary

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



43.4811, 31.4582, 14.1363



44.2457, 57.0979, 89.5776

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.



24.5157, 31.4582, 91.4800



43.4811, 31.4582, 14.1363



17.3305, 31.4582, 40.2280

Square

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



43.4811, 31.4582, 14.1363



21.6385, 31.4582, 10.1932



19.4899, 31.4582, 67.7822



40.0351, 31.4582, 81.0149

Rectangle

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



43.4811, 31.4582, 14.1363



30.5483, 31.4582, 6.7239



19.4899, 31.4582, 67.7822



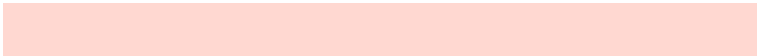
29.2611, 31.4582, 97.8313

Sweetspot

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



43.4818, 31.4599, 14.1369



77.4150, 75.1765, 70.8168



51.6012, 30.9768, 68.3947



16.0411, 15.3406, 14.0331



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.



43.4818, 31.4599, 14.1369



46.7134, 30.4955, 9.0300



55.0591, 54.6143, 17.9959



15.9753, 16.1637, 16.4276



20.1140, 11.0262, 1.0681



1.7331, 1.0369, 0.1088

Inverse Universe

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



44.2457, 57.0979, 89.5776



47.5446, 62.5817, 104.1814



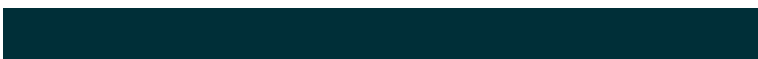
29.8824, 28.3713, 84.7899



16.0214, 17.4768, 20.2506



20.2431, 26.7104, 49.2166



1.7407, 2.3355, 4.1133

Previews

White Background



This preview shows how the XYZ color 43.4811, 31.4582, 14.1363 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 43.4811, 31.4582, 14.1363 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 43.4811, 31.4582, 14.1363

Background



This preview shows how black text looks on a background with the XYZ color 43.4811, 31.4582, 14.1363.



This preview shows how white text looks on a background with the XYZ color 43.4811, 31.4582,

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

43.4811, 31.4582, 14.1363

Protanopia

29.3991, 31.5173, 18.4439

Deuteranopia

32.2489, 31.6850, 13.4329



Tritanopia

45.1195, 31.4697, 21.4655

Trichromacy



Original Color

43.4811, 31.4582, 14.1363

Protanomaly

33.3691, 30.6310, 16.7240

Deuteranomaly

35.6440, 31.0284, 13.5616

Tritanomaly

44.3162, 31.2868, 18.4551

Monochromacy



Original Color

43.4811, 31.4582, 14.1363

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.3423, 29.7070, 24.7983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4811, 31.4582, 14.1363 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(238, 116, 93)` looks like.

```
.text, #text, p{  
    color:rgb(238, 116, 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(238, 116, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 116, 93) }
```

Border

The CSS property to change the border of an element to XYZ 43.4811, 31.4582, 14.1363 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(238, 116, 93) }
```


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

```
.border{ border-color:rgb(238, 116, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 116, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 116, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 116, 93);  
box-shadow:4px 4px 4px 4px rgb(238, 116,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4811, 31.4582, 14.1363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 116, 93) }
```

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

```
.background{ background-color: rgb(238,  
116, 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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