

Converting Colors

XYZ(43.2787, 30.7134, 13.8960)

Have a look what the booklet for
XYZ(43.2787, 30.7134, 13.8960)
contains.

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Color

**XYZ(43.3666, 30.7294,
14.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	EF705D
RGB	239, 112, 93
RGB Percent	94%, 44%, 36%
CMY	0.0627, 0.5608, 0.6353
CMYK	0.00, 0.53, 0.61, 0.06
HSL	8°, 82%, 65%
HSV	8°, 61%, 94%
XYZ	43.3666, 30.7294, 14.0016
YIQ	147.8070, 81.7910, 21.0150

Conversions

Conversions Part 2

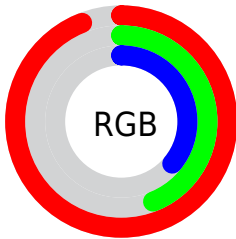
Format	Color
R _{YB}	239, 115, 93
Decimal	15691869
CIE _{Lab}	62.28, 47.52, 34.01
CIE _{LCh}	62, 58.436, 35.596
Y _{xy}	30.7294, 0.4923, 0.3488
Android (android.graphics.Color)	4293881949 (0xFFEF705D)
Y _{UV}	147.8070, -27.0199, 79.9763
Hunter-Lab	55.4341, 42.6325, 23.8283

Details

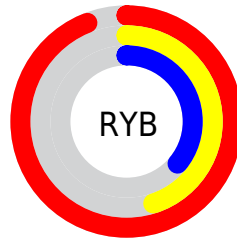
The XYZ color **43.3666, 30.7294, 14.0016** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **45.6855, 59.7417, 90.7845**, and the grayscale version is **28.1540, 29.6203, 32.2565**.

A 20% lighter version of the original color is **60.0928, 50.9110, 33.0451**, and **20.1886, 12.6723, 3.9667** is the 20% darker color. If you saturate the color by 10%, you get **40.4336, 26.3013, 8.5923**, and if you desaturate by 10%, it is **47.1612, 36.3520, 21.3301**.

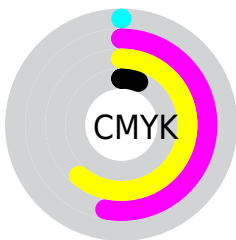
Distribution



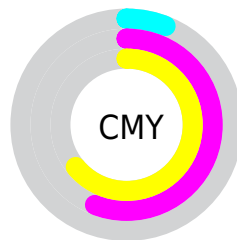
- Red (94%)
- Green (44%)
- Blue (36%)



- Red (94%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (61%)
- Black (6%)




- Cyan (6%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3666, 30.7294, 14.0016 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 43.3666, 30.7294, 14.0016 by changing the saturation by 10% instead.


 43.3666, 30.7294,
14.0016


 43.3666, 30.7294,
14.0016


351.0133,
305.2897, 228.6696


 30.3686, 20.3929,
7.9830

 79.5160, 60.8138,
33.8090

 20.2680, 12.6810,
3.9965


 103.3982, 81.3304,
48.4350

 12.6994, 7.2092,
1.6234


 131.6392,
106.0093, 66.7671

 7.2975, 3.5933,
0.3074

 164.6043,
135.2347, 89.2240

 3.6968, 1.4488,
0.0000

202.6589,
169.3910, 116.2241

 1.5321, 0.2522,
0.0000

246.1684,

 0.3475, 0.0000,

208.8627, 148.1860

0.0000

295.4980,
254.0341, 185.5284

■ 0.0000, 0.0000,
0.0000

■ 43.3666, 30.7294,
14.0016

■ 43.3666, 30.7294,
14.0016

■ 40.4336, 26.3013,
8.5923

■ 47.1612, 36.3520,
21.3301

■ 38.2912, 22.9761,
4.9196

■ 51.8766, 43.2422,
30.7341

■ 36.8600, 20.6567,
2.7686

■ 57.5691, 51.4730,
42.3558

■ 36.0894, 19.3366,
1.8302

■ 64.2899, 61.1103,
56.3243

■ 72.0866, 72.2158,
72.7587

■ 81.0038, 84.8475,
91.7703

■ 89.4065, 97.0906,
108.6359

Harmonies

Analogous

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



47.0634, 30.7294, 29.3974



43.3666, 30.7294, 14.0016



35.9368, 30.7294, 7.4352

Triad

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



43.3666, 30.7294, 14.0016



17.4528, 30.7294, 18.5230



30.7123, 30.7294, 98.0298

Complementary

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



43.3666, 30.7294, 14.0016



45.6855, 59.7417, 90.7845

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.



23.3753, 30.7294, 90.6942



43.3666, 30.7294, 14.0016



16.5579, 30.7294, 37.8786

Square

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



43.3666, 30.7294, 14.0016



21.2348, 30.7294, 9.1010



18.5238, 30.7294, 65.6677



38.9609, 30.7294, 82.7021

Rectangle

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



43.3666, 30.7294, 14.0016



30.3883, 30.7294, 6.1410



18.5238, 30.7294, 65.6677



28.0575, 30.7294, 98.1913

Sweetspot

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



43.3673, 30.7311, 14.0021



77.0807, 74.5078, 70.7054



52.6912, 31.4516, 72.3773



15.9611, 15.1807, 14.0064



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.



43.3673, 30.7311, 14.0021



46.2313, 29.5313, 8.8693



54.5127, 53.0218, 17.7172



15.9387, 16.0904, 16.4154



19.9961, 10.7903, 1.0288



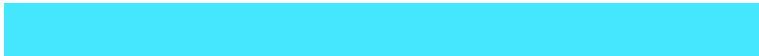
1.7158, 1.0022, 0.1030

Inverse Universe

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



45.6855, 59.7417, 90.7845



49.0041, 65.5006, 104.6678



30.8365, 30.0437, 85.8348



16.0616, 17.5573, 20.2640



21.1283, 28.4809, 49.5117



1.8061, 2.4662, 4.1350

Previews

White Background



This preview shows how the XYZ color 43.3666, 30.7294, 14.0016 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 43.3666, 30.7294, 14.0016 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 43.3666, 30.7294, 14.0016

Background



This preview shows how black text looks on a background with the XYZ color 43.3666, 30.7294, 14.0016.



This preview shows how white text looks on a background with the XYZ color 43.3666, 30.7294,

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

43.3666, 30.7294, 14.0016

Protanopia

28.8776, 31.0025, 18.6494

Deuteranopia

31.4607, 30.8250, 13.3085



Tritanopia

44.5562, 30.7235, 20.1049

Trichromacy



Original Color

43.3666, 30.7294, 14.0016

Protanomaly

32.8797, 29.9470, 16.8794

Deuteranomaly

34.9563, 30.0612, 13.4112

Tritanomaly

44.2179, 30.7598, 17.7941

Monochromacy



Original Color

43.3666, 30.7294, 14.0016

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.6163, 28.7102, 24.2973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3666, 30.7294, 14.0016 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(239, 112, 93)` looks like.

```
.text, #text, p{  
    color:rgb(239, 112, 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(239, 112, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 112, 93) }
```

Border

The CSS property to change the border of an element to XYZ 43.3666, 30.7294, 14.0016 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(239, 112, 93) }
```


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

```
.border{ border-color:rgb(239, 112, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 112, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 112, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 112, 93);  
box-shadow:4px 4px 4px 4px rgb(239, 112,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3666, 30.7294, 14.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 112, 93) }
```

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

```
.background{ background-color: rgb(239,  
112, 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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