

Converting Colors

XYZ(42.5254, 30.9611, 14.3215)

Have a look what the booklet for
XYZ(42.5254, 30.9611, 14.3215)
contains.

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Color

**XYZ(42.5267, 30.9611,
14.3244)**

Conversions

Conversions Part 1

Format	Color
Hex	EB745E
RGB	235, 116, 94
RGB Percent	92%, 45%, 37%
CMY	0.0784, 0.5451, 0.6314
CMYK	0.00, 0.51, 0.60, 0.08
HSL	9°, 78%, 65%
HSV	9°, 60%, 92%
XYZ	42.5267, 30.9611, 14.3244
YIQ	149.0730, 77.9860, 18.3860

Conversions

Conversions Part 2

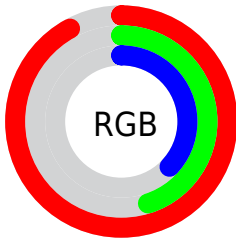
Format	Color
R _Y B	235, 120, 94
Decimal	15430750
CIE Lab	62.47, 44.17, 33.58
CIE LCh	62, 55.487, 37.246
Yxy	30.9611, 0.4843, 0.3526
Android (android.graphics.Color)	4293620830 (0xFFEB745E)
YUV	149.0730, -27.1510, 75.3580
Hunter-Lab	55.6427, 39.0496, 23.6865

Details

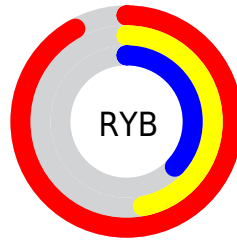
The XYZ color **42.5267, 30.9611, 14.3244** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **43.4040, 55.9629, 87.1111**, and the grayscale version is **28.6864, 30.1804, 32.8664**.

A 20% lighter version of the original color is **60.7256, 52.0538, 33.6349**, and **19.8020, 12.8707, 4.1299** is the 20% darker color. If you saturate the color by 10%, you get **39.5810, 26.5084, 8.9082**, and if you desaturate by 10%, it is **46.2828, 36.5214, 21.5945**.

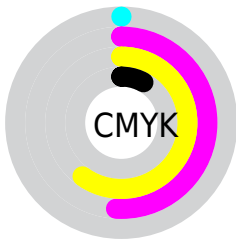
Distribution



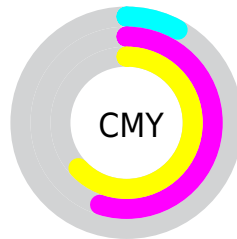
- Red (92%)
- Green (45%)
- Blue (37%)



- Red (92%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (8%)





- Cyan (8%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5267, 30.9611, 14.3244 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 42.5267, 30.9611, 14.3244 by changing the saturation by 10% instead.


 42.5267, 30.9611,
14.3244


 42.5267, 30.9611,
14.3244


347.6163,
306.3591, 230.7379

 29.7068, 20.5692,
8.2053


 78.2563, 61.1788,
34.3889


 19.7631, 12.8095,
4.1370


 101.8968, 81.7735,
49.1714

 12.3303, 7.2975,
1.7008


 129.8748,
106.5378, 67.6788

 7.0428, 3.6488,
0.3613

 162.5558,
135.8563, 90.3296

 3.5355, 1.4791,
0.0000

200.3051,
170.1132, 117.5424

 1.4428, 0.2740,
0.0000

243.4881,

 0.2864, 0.0000,

209.6931, 149.7356

0.0000

292.4700,
254.9802, 187.3280

■ 0.0000, 0.0000,
0.0000

■ 42.5267, 30.9611,
14.3244

■ 42.5267, 30.9611,
14.3244

■ 39.5810, 26.5084,
8.9082

■ 46.2828, 36.5214,
21.5945

■ 37.3820, 23.0836,
5.1748

■ 50.9020, 43.2522,
30.8654

■ 35.8595, 20.6041,
2.9242

■ 56.4352, 51.2171,
42.2711

■ 34.9124, 18.9653,
1.8206

■ 62.9285, 60.4740,
55.9335

■ 34.9123, 18.9652,
1.8206

■ 70.4249, 71.0771,
71.9653

■ 78.9648, 83.0773,
90.4716

■ 88.0174, 96.2955,
108.5556

■ 88.0707, 96.4021,
108.5734

Harmonies

Analogous

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



46.2583, 30.9611, 28.7463



42.5267, 30.9611, 14.3244



35.3918, 30.9611, 8.1054

Triad

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



42.5267, 30.9611, 14.3244



17.9912, 30.9611, 20.0797



31.2921, 30.9611, 93.8628

Complementary

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



42.5267, 30.9611, 14.3244



43.4040, 55.9629, 87.1111

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.



24.1742, 30.9611, 88.2457



42.5267, 30.9611, 14.3244



17.2724, 30.9611, 39.2175

Square

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



42.5267, 30.9611, 14.3244



21.5041, 30.9611, 10.3009



19.3393, 30.9611, 65.5591



39.0914, 30.9611, 78.6784

Rectangle

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



42.5267, 30.9611, 14.3244



30.1290, 30.9611, 6.9369



19.3393, 30.9611, 65.5591



28.7372, 30.9611, 94.4246

Sweetspot

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



42.5274, 30.9628, 14.3249



77.3845, 75.1154, 70.8067



50.3820, 30.5151, 66.7523



16.0338, 15.3260, 14.0306



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.



42.5274, 30.9628, 14.3249



46.9527, 30.8451, 9.5078



53.7664, 53.4408, 18.0713



15.2553, 15.4336, 15.6937



19.4892, 10.6726, 1.0328



1.5880, 0.9533, 0.1003

Inverse Universe

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



43.4040, 55.9629, 87.1111



47.9681, 63.1551, 104.2697



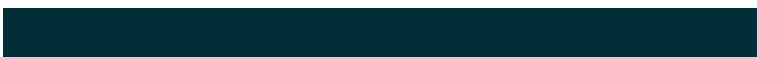
29.4867, 28.1282, 82.4720



15.3058, 16.6981, 19.3386



19.7029, 26.0529, 47.7332



1.6011, 2.1536, 3.7662

Previews

White Background



This preview shows how the XYZ color 42.5267, 30.9611, 14.3244 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 42.5267, 30.9611, 14.3244 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 42.5267, 30.9611, 14.3244

Background



This preview shows how black text looks on a background with the XYZ color 42.5267, 30.9611, 14.3244.



This preview shows how white text looks on a background with the XYZ color 42.5267, 30.9611,

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

42.5267, 30.9611, 14.3244

Protanopia

28.8776, 31.0025, 18.6494

Deuteranopia

31.6957, 31.1624, 13.7956



Tritanopia

44.1094, 30.9489, 21.4182

Trichromacy



Original Color

42.5267, 30.9611, 14.3244

Protanomaly

32.5229, 29.9750, 16.9036

Deuteranomaly

35.0420, 30.5020, 13.9381

Tritanomaly

43.3664, 30.7908, 18.6965

Monochromacy



Original Color

42.5267, 30.9611, 14.3244

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.7305, 29.1796, 24.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5267, 30.9611, 14.3244 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(235, 116, 94)` looks like.

```
.text, #text, p{  
    color:rgb(235, 116, 94)  
}
```

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(235, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 116, 94) }
```

Border

The CSS property to change the border of an element to XYZ 42.5267, 30.9611, 14.3244 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(235, 116, 94) }
```


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

```
.border{ border-color:rgb(235, 116, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 116, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(235, 116,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5267, 30.9611, 14.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 116, 94) }
```

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

```
.background{ background-color: rgb(235,  
116, 94) }
```

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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