

Converting Colors

XYZ(43.0969, 32.4257, 14.3607)

Have a look what the booklet for
XYZ(43.0969, 32.4257, 14.3607)
contains.

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Color

**XYZ(42.9904, 32.4487,
14.3533)**

Conversions

Conversions Part 1

Format	Color
Hex	EA7B5D
RGB	234, 123, 93
RGB Percent	92%, 48%, 36%
CMY	0.0824, 0.5176, 0.6353
CMYK	0.00, 0.47, 0.60, 0.08
HSL	13°, 77%, 64%
HSV	13°, 60%, 92%
XYZ	42.9904, 32.4487, 14.3533
YIQ	152.7690, 75.7860, 14.2020

Conversions

Conversions Part 2

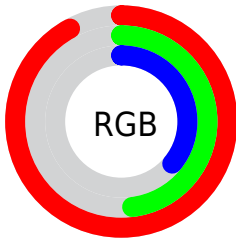
Format	Color
R _Y B	234, 131, 93
Decimal	15367005
CIE Lab	63.71, 40.22, 35.65
CIE LCh	64, 53.745, 41.549
Yxy	32.4487, 0.4788, 0.3614
Android (android.graphics.Color)	4293557085 (0xFFEA7B5D)
YUV	152.7690, -29.4661, 71.2396
Hunter-Lab	56.9638, 35.0269, 24.9352

Details

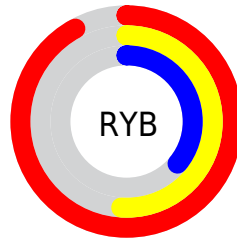
The XYZ color **42.9904, 32.4487, 14.3533** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **40.9567, 51.4501, 85.6136**, and the grayscale version is **30.2798, 31.8567, 34.6919**.

A 20% lighter version of the original color is **61.9962, 54.7179, 33.6796**, and **19.9800, 13.5880, 4.1544** is the 20% darker color. If you saturate the color by 10%, you get **40.0340, 27.9488, 9.0132**, and if you desaturate by 10%, it is **46.6953, 37.9387, 21.5074**.

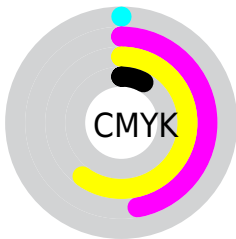
Distribution



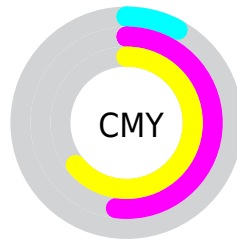
- Red (92%)
- Green (48%)
- Blue (36%)



- Red (92%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (60%)
- Black (8%)





- Cyan (8%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9904, 32.4487, 14.3533 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 42.9904, 32.4487, 14.3533 by changing the saturation by 10% instead.


 42.9904, 32.4487,
14.3533

 42.9904, 32.4487,
14.3533


349.4945,
313.1582, 230.9221

 30.0721, 21.7045,
8.2253


 78.9522, 63.5138,
34.4407


 20.0416, 13.6399,
4.1496


 102.7263, 84.6035,
49.2371

 12.5338, 7.8706,
1.7078


 130.8498,
109.9105, 67.7601

 7.1831, 4.0123,
0.3660

 163.6880,
139.8191, 90.4282

 3.6242, 1.6804,
0.0000

201.6062,
174.7138, 117.6599

 1.4918, 0.4109,
0.0000

244.9697,

 0.3202, 0.0000,

214.9790, 149.8738

0.0000

294.1441,
260.9989, 187.4883

■ 0.0000, 0.0000,
0.0000

■ 42.9904, 32.4487,
14.3533

■ 42.9904, 32.4487,
14.3533

■ 40.0340, 27.9488,
9.0132

■ 46.6953, 37.9387,
21.5074

■ 37.7697, 24.3735,
5.3195

■ 51.1948, 44.4687,
30.6192

■ 36.1360, 21.6571,
3.0759

■ 56.5341, 52.0913,
41.8198

■ 35.0634, 19.7563,
1.9653

■ 62.7539, 60.8540,
55.2285

■ 69.8924, 70.8014,
70.9556

■ 77.9854, 81.9757,
89.1039

■ 86.7756, 94.3006,
108.2360

■ 87.7414, 96.2323,
108.5580

Harmonies

Analogous

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



47.3057, 32.4487, 27.6653



42.9904, 32.4487, 14.3533



35.6526, 32.4487, 8.7942

Triad

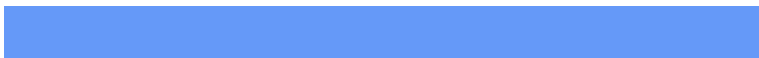
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.9904, 32.4487, 14.3533



19.0488, 32.4487, 23.7693



33.8309, 32.4487, 93.4883

Complementary

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



42.9904, 32.4487, 14.3533



40.9567, 51.4501, 85.6136

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.



26.4840, 32.4487, 91.0394



42.9904, 32.4487, 14.3533



18.7237, 32.4487, 44.2964

Square

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



42.9904, 32.4487, 14.3533



22.2036, 32.4487, 12.5036



21.2286, 32.4487, 70.5705



41.4713, 32.4487, 76.3157

Rectangle

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



42.9904, 32.4487, 14.3533



30.4519, 32.4487, 7.9834



21.2286, 32.4487, 70.5705



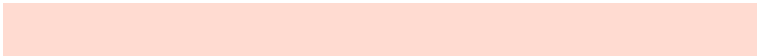
31.2345, 32.4487, 95.0737

Sweetspot

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



42.9912, 32.4504, 14.3539



78.0581, 76.4627, 71.0312



48.9621, 29.7677, 61.4301



16.1952, 15.6488, 14.0844



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.



42.9912, 32.4504, 14.3539



48.0173, 32.9742, 9.8626



54.6911, 55.8502, 18.2538



15.3253, 15.5735, 15.7170



19.7780, 11.2502, 1.1291



1.6215, 1.0204, 0.1115

Inverse Universe

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



40.9567, 51.4501, 85.6136



45.2152, 57.6493, 103.3521



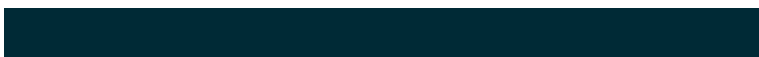
28.0715, 25.6796, 81.3185



15.2298, 16.5461, 19.3133



18.0962, 22.8394, 47.1976



1.4888, 1.9290, 3.7287

Previews

White Background



This preview shows how the XYZ color 42.9904, 32.4487, 14.3533 looks on a white background.

Color Contrast Check

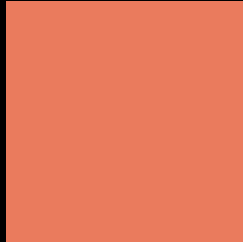
Large Text (above 18pt) WCAG AA × Fail

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 42.9904, 32.4487, 14.3533 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 42.9904, 32.4487, 14.3533

Background



This preview shows how black text looks on a background with the XYZ color 42.9904, 32.4487, 14.3533.



This preview shows how white text looks on a background with the XYZ color 42.9904, 32.4487,

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

42.9904, 32.4487, 14.3533

Protanopia

30.4196, 32.7874, 18.0899

Deuteranopia

33.3376, 32.7032, 13.7878



Tritanopia

44.9013, 32.3220, 23.9509

Trichromacy



Original Color

42.9904, 32.4487, 14.3533

Protanomaly

33.9097, 31.7910, 16.6610

Deuteranomaly

36.2549, 32.1826, 13.9739

Tritanomaly

44.0719, 32.3329, 20.1377

Monochromacy



Original Color

42.9904, 32.4487, 14.3533

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.0611, 30.9298, 25.7003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9904, 32.4487, 14.3533 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(234, 123, 93)` looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 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(234, 123, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 93) }
```

Border

The CSS property to change the border of an element to XYZ 42.9904, 32.4487, 14.3533 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(234, 123, 93) }
```


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

```
.border{ border-color:rgb(234, 123, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 93);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9904, 32.4487, 14.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 93) }
```

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

```
.background{ background-color: rgb(234,  
123, 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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