

Converting Colors

XYZ(43.6490, 32.2434, 10.4493)

Have a look what the booklet for
XYZ(43.6490, 32.2434, 10.4493)
contains.

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Color

**XYZ(43.5491, 32.2781,
10.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	EF784A
RGB	239, 120, 74
RGB Percent	94%, 47%, 29%
CMY	0.0627, 0.5294, 0.7098
CMYK	0.00, 0.50, 0.69, 0.06
HSL	17°, 84%, 61%
HSV	17°, 69%, 94%
XYZ	43.5491, 32.2781, 10.4136
YIQ	150.3370, 85.6900, 10.9220

Conversions

Conversions Part 2

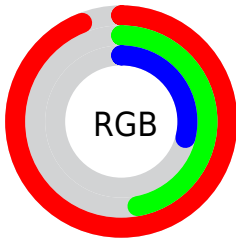
Format	Color
R _Y B	239, 138, 74
Decimal	15693898
CIE Lab	63.57, 42.48, 45.73
CIE LCh	64, 62.417, 47.110
Yxy	32.2781, 0.5050, 0.3743
Android (android.graphics.Color)	4293883978 (0xFFEF784A)
YUV	150.3370, -37.6341, 77.7575
Hunter-Lab	56.8138, 37.4002, 28.9022

Details

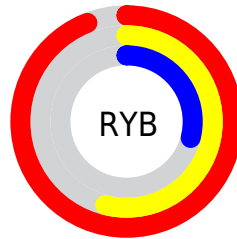
The XYZ color **43.5491, 32.2781, 10.4136** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **37.4725, 45.8247, 88.5308**, and the grayscale version is **29.2632, 30.7872, 33.5272**.

A 20% lighter version of the original color is **60.0141, 52.9873, 26.1333**, and **20.3850, 13.5559, 2.5194** is the 20% darker color. If you saturate the color by 10%, you get **41.0019, 28.2369, 6.3184**, and if you desaturate by 10%, it is **46.7767, 37.1913, 16.2442**.

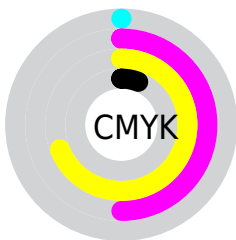
Distribution



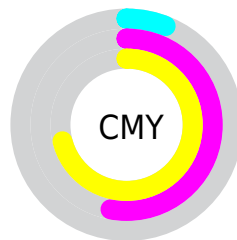
- Red (94%)
- Green (47%)
- Blue (29%)



- Red (94%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5491, 32.2781, 10.4136 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 43.5491, 32.2781, 10.4136 by changing the saturation by 10% instead.


 43.5491, 32.2781,
10.4136


 43.5491, 32.2781,
10.4136

351.7485,
312.3841, 204.1899


 30.5126, 21.5740,
5.5649


 79.7894, 63.2468,
27.1905


 20.3780, 13.5442,
2.5179


 103.7238, 84.2802,
39.9557


 12.7799, 7.8044,
0.8496


 132.0216,
109.5255, 56.1968

 7.3531, 3.9700,
0.0000

 165.0482,
139.3671, 76.3324

 3.7322, 1.6568,
0.0000

 203.1688,
174.1893, 100.7809

 1.5518, 0.3954,
0.0000

246.7488,

 0.3607, 0.0000,

214.3767, 129.9610

0.0000

296.1535,
260.3135, 164.2912

■ 0.0000, 0.0000,
0.0000

■ 43.5491, 32.2781,
10.4136

■ 43.5491, 32.2781,
10.4136

■ 41.0019, 28.2369,
6.3184

■ 46.7767, 37.1913,
16.2442

■ 39.0759, 25.0078,
3.7566

■ 50.7318, 43.0207,
23.9779


■ 37.6943, 22.5263,
2.4274


■ 55.4599, 49.8135,
33.7644


■ 37.5822, 22.3222,
2.3278

■ 61.0015, 57.6121,
45.7379

■ 67.3945, 66.4562,
60.0210

 74.6739, 76.3831,
76.7273

 82.8731, 87.4285,
95.9626

 89.4063, 97.0906,
108.6359

Harmonies

Analogous

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



49.6332, 32.2781, 22.8373



43.5491, 32.2781, 10.4136



34.5696, 32.2781, 6.0573

Triad

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



43.5491, 32.2781, 10.4136



17.0772, 32.2781, 25.4937



35.8757, 32.2781, 103.8156

Complementary

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



43.5491, 32.2781, 10.4136



37.4725, 45.8247, 88.5308

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.



27.0925, 32.2781, 105.7090



43.5491, 32.2781, 10.4136



17.2941, 32.2781, 51.2314

Square

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



43.5491, 32.2781, 10.4136



19.9712, 32.2781, 11.5636



20.6334, 32.2781, 83.3069



44.6599, 32.2781, 78.9452

Rectangle

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



43.5491, 32.2781, 10.4136



28.6526, 32.2781, 5.8009



20.6334, 32.2781, 83.3069



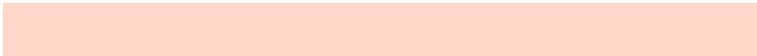
32.7995, 32.2781, 107.4689

Sweetspot

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



43.5498, 32.2798, 10.4142



76.4893, 74.8056, 65.9438



47.8956, 27.1885, 54.3532



15.9232, 15.3923, 13.1078



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.



43.5498, 32.2798, 10.4142



46.4697, 31.0115, 5.8559



57.6027, 60.3855, 15.0984



16.1316, 16.4762, 16.4797



20.8637, 12.5256, 1.3180



1.8165, 1.2037, 0.1366

Inverse Universe

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



37.4725, 45.8247, 88.5308



38.7977, 47.2146, 101.6762



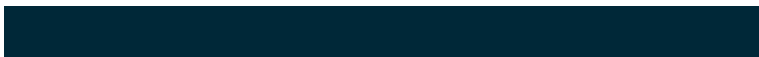
24.2537, 19.3871, 84.1245



15.8531, 17.1404, 20.1945



16.9164, 20.0571, 48.1077



1.4906, 1.8351, 4.0299

Previews

White Background



This preview shows how the XYZ color 43.5491, 32.2781, 10.4136 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 43.5491, 32.2781, 10.4136 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 43.5491, 32.2781, 10.4136

Background



This preview shows how black text looks on a background with the XYZ color 43.5491, 32.2781, 10.4136.



This preview shows how white text looks on a background with the XYZ color 43.5491, 32.2781,

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

43.5491, 32.2781, 10.4136

Protanopia

29.9386, 32.6446, 13.3174

Deuteranopia

32.9630, 32.3612, 9.9778



Tritanopia

46.1481, 32.3170, 22.2179

Trichromacy



Original Color

43.5491, 32.2781, 10.4136

Protanomaly

33.6639, 31.5422, 12.0986

Deuteranomaly

36.0636, 31.7434, 10.0207

Tritanomaly

45.0708, 32.2115, 17.2065

Monochromacy



Original Color

43.5491, 32.2781, 10.4136

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.0369, 29.8155, 22.4788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5491, 32.2781, 10.4136 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, 120, 74)` looks like.

```
.text, #text, p{  
    color:rgb(239, 120, 74)  
}
```

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, 120, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 120, 74) }
```

Border

The CSS property to change the border of an element to XYZ 43.5491, 32.2781, 10.4136 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, 120, 74) }
```


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

```
.border{ border-color:rgb(239, 120, 74) }
```

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

Here you see how a box with a 4 pixel rgb(239, 120, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 120, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 120, 74);  
box-shadow:4px 4px 4px 4px rgb(239, 120,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5491, 32.2781, 10.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 120, 74) }
```

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

```
.background{ background-color: rgb(239,  
120, 74) }
```

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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