

Converting Colors

XYZ(43.4300, 30.5235, 10.0812)

Have a look what the booklet for
XYZ(43.4300, 30.5235, 10.0812)
contains.

XYZ(43.4299, 30.5235, 10.0812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4299, 30.5235,
10.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	F26E4A
RGB	242, 110, 74
RGB Percent	95%, 43%, 29%
CMY	0.0510, 0.5686, 0.7098
CMYK	0.00, 0.55, 0.69, 0.05
HSL	13°, 87%, 62%
HSV	13°, 69%, 95%
XYZ	43.4299, 30.5235, 10.0812
YIQ	145.3640, 90.2280, 16.7880

Conversions

Conversions Part 2

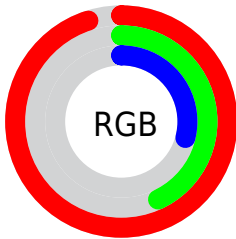
Format	Color
R _{YB}	242, 120, 74
Decimal	15887946
CIE _{Lab}	62.10, 48.46, 44.18
CIE _{LCh}	62, 65.577, 42.356
Yxy	30.5235, 0.5168, 0.3632
Android (android.graphics.Color)	4294078026 (0xFFFF26E4A)
YUV	145.3640, -35.1825, 84.7498
Hunter-Lab	55.2481, 43.6327, 27.8549

Details

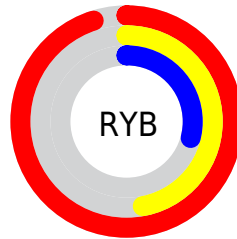
The XYZ color **43.4299, 30.5235, 10.0812** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **40.9206, 52.0057, 91.8852**, and the grayscale version is **27.1759, 28.5912, 31.1358**.

A 20% lighter version of the original color is **58.3332, 49.6255, 25.5730**, and **20.2024, 12.4912, 2.3832** is the 20% darker color. If you saturate the color by 10%, you get **40.9298, 26.5870, 5.9698**, and if you desaturate by 10%, it is **46.6849, 35.4689, 15.9908**.

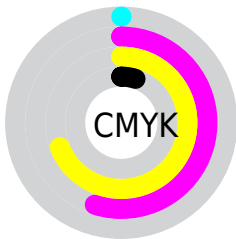
Distribution



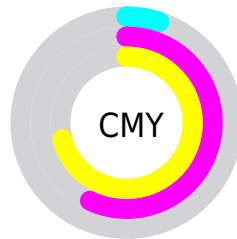
- Red (95%)
- Green (43%)
- Blue (29%)



- Red (95%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (69%)
- Black (5%)





- Cyan (5%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4299, 30.5235, 10.0812 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 43.4299, 30.5235, 10.0812 by changing the saturation by 10% instead.


 43.4299, 30.5235,
10.0812


 43.4299, 30.5235,
10.0812


351.2684,
304.3370, 201.7565


 30.4185, 20.2363,
5.3465


 79.6109, 60.4891,
26.5583


 20.3061, 12.5669,
2.3897


 103.5112, 80.9362,
39.1378


 12.7273, 7.1310,
0.7808


 131.7719,
105.5388, 55.1694

 7.3168, 3.5442,
0.0000

 164.7583,
134.6812, 75.0715

 3.7091, 1.4220,
0.0000

 202.8358,
168.7479, 99.2627

 1.5389, 0.2328,
0.0000

246.3698,

 0.3521, 0.0000,

208.1231, 128.1616

0.0000

295.7255,
253.1914, 162.1867

■ 0.0000, 0.0000,
0.0000

■ 43.4299, 30.5235,
10.0812

■ 43.4299, 30.5235,
10.0812

■ 40.9298, 26.5870,
5.9698

■ 46.6849, 35.4689,
15.9908

■ 39.1159, 23.5823,
3.4443

■ 50.7508, 41.4829,
23.8751


■ 37.8971, 21.4235,
2.1780


■ 55.6804, 48.6261,
33.8911

■ 37.8398, 21.3213,
2.1210

■ 61.5212, 56.9533,
46.1793

■ 68.3172, 66.5154,
60.8684

 76.1095, 77.3604,
78.0773

 84.9367, 89.5338,
97.9169

 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



48.9238, 30.5235, 23.8899



43.4299, 30.5235, 10.0812



34.4597, 30.5235, 5.1158

Triad

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



43.4299, 30.5235, 10.0812



15.6689, 30.5235, 20.5836



32.7929, 30.5235, 106.8043

Complementary

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



43.4299, 30.5235, 10.0812



40.9206, 52.0057, 91.8852

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.



24.1705, 30.5235, 104.2996



43.4299, 30.5235, 10.0812



15.4020, 30.5235, 44.7454

Square

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



43.4299, 30.5235, 10.0812



19.0228, 30.5235, 8.7179



18.2002, 30.5235, 77.8547



41.9987, 30.5235, 83.5758

Rectangle

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



43.4299, 30.5235, 10.0812



28.3202, 30.5235, 4.4982



18.2002, 30.5235, 77.8547



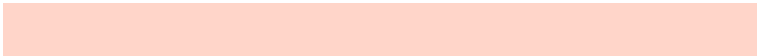
29.7143, 30.5235, 109.1817

Sweetspot

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



43.4306, 30.5252, 10.0817



75.6116, 73.0502, 65.6512



50.5010, 28.3486, 62.7428



15.7175, 14.9809, 13.0392



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.



43.4306, 30.5252, 10.0817



45.2310, 28.5340, 5.4430



56.6157, 56.8954, 14.4767



16.0474, 16.3079, 16.4517



20.4086, 11.6152, 1.1663



1.7682, 1.1072, 0.1205

Inverse Universe

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



40.9206, 52.0057, 91.8852



42.0181, 53.6555, 102.7497



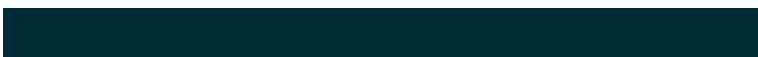
26.1090, 22.3826, 86.9480



15.9431, 17.3203, 20.2245



18.6209, 23.4660, 48.6758



1.6198, 2.0935, 4.0729

Previews

White Background



This preview shows how the XYZ color 43.4299, 30.5235, 10.0812 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 43.4299, 30.5235, 10.0812 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 43.4299, 30.5235, 10.0812

Background



This preview shows how black text looks on a background with the XYZ color 43.4299, 30.5235, 10.0812.



This preview shows how white text looks on a background with the XYZ color 43.4299, 30.5235,

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

43.4299, 30.5235, 10.0812

Protanopia

28.3451, 30.8371, 13.6907

Deuteranopia

31.0853, 30.4893, 9.5568



Tritanopia

45.2844, 30.5061, 18.8307

Trichromacy



Original Color

43.4299, 30.5235, 10.0812

Protanomaly

32.3578, 29.5703, 12.1858

Deuteranomaly

34.6754, 29.7966, 9.7181

Tritanomaly

44.4244, 30.4519, 15.0917

Monochromacy



Original Color

43.4299, 30.5235, 10.0812

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.4034, 27.5377, 21.1656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4299, 30.5235, 10.0812 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(242, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(242, 110, 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(242, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 110, 74) }
```

Border

The CSS property to change the border of an element to XYZ 43.4299, 30.5235, 10.0812 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(242, 110, 74) }
```


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

```
.border{ border-color:rgb(242, 110, 74) }
```

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

Here you see how a box with a 4 pixel rgb(242, 110, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(242, 110,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4299, 30.5235, 10.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 110, 74) }
```

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

```
.background{ background-color: rgb(242,  
110, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor