

Converting Colors

XYZ(43.4180, 32.8017, 9.9613)

Have a look what the booklet for
XYZ(43.4180, 32.8017, 9.9613)
contains.

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Color

**XYZ(43.4802, 32.7980,
10.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7B47
RGB	238, 123, 71
RGB Percent	93%, 48%, 28%
CMY	0.0667, 0.5176, 0.7216
CMYK	0.00, 0.48, 0.70, 0.07
HSL	19°, 83%, 61%
HSV	19°, 70%, 93%
XYZ	43.4802, 32.7980, 10.0002
YIQ	151.4570, 85.2320, 8.2080

Conversions

Conversions Part 2

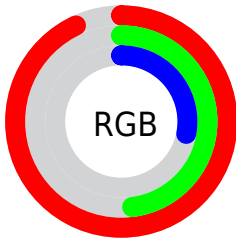
Format	Color
R _{YB}	238, 147, 71
Decimal	15629127
CIE _{Lab}	64.00, 40.45, 47.69
CIE _{LCh}	64, 62.531, 49.699
Yxy	32.7980, 0.5040, 0.3801
Android (android.graphics.Color)	4293819207 (0xFFEE7B47)
YUV	151.4570, -39.6653, 75.8982
Hunter-Lab	57.2695, 35.2991, 29.7357

Details

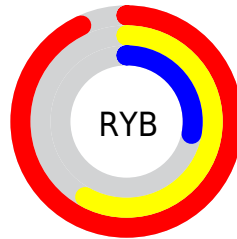
The XYZ color **43.4802, 32.7980, 10.0002** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **35.5887, 42.6277, 87.2407**, and the grayscale version is **29.7517, 31.3011, 34.0869**.

A 20% lighter version of the original color is **60.4133, 54.0848, 25.3444**, and **20.3026, 13.7945, 2.3516** is the 20% darker color. If you saturate the color by 10%, you get **40.9949, 28.8201, 6.1128**, and if you desaturate by 10%, it is **46.6062, 37.5797, 15.5764**.

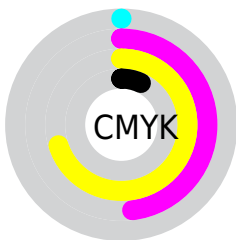
Distribution



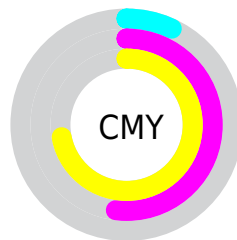
- Red (93%)
- Green (48%)
- Blue (28%)



- Red (93%)
- Yellow (58%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (70%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4802, 32.7980, 10.0002 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 43.4802, 32.7980, 10.0002 by changing the saturation by 10% instead.


 43.4802, 32.7980,
10.0002


 43.4802, 32.7980,
10.0002

351.4710,
314.7385, 201.1584


 30.4582, 21.9717,
5.2935


 79.6862, 64.0600,
26.4037

 20.3364, 13.8361,
2.3587


 103.6009, 85.2646,
38.9376


 12.7495, 8.0068,
0.7638

 131.8773,
110.6974, 54.9176

 7.3321, 4.0993,
0.0000

 164.8807,
140.7428, 74.7622

 3.7188, 1.7293,
0.0000

 202.9763,
175.7852, 98.8901

 1.5443, 0.4425,
0.0000

246.5297,

 0.3557, 0.0000,

216.2091, 127.7197

0.0000

295.9062,
262.3987, 161.6696

0.0000, 0.0000,
0.0000

43.4802, 32.7980,
10.0002

43.4802, 32.7980,
10.0002

40.9949, 28.8201,
6.1128

46.6062, 37.5797,
15.5764

39.0941, 25.5919,
3.7111


50.4178, 43.2039,
23.0094


37.7163, 23.0902,
2.4690


54.9577, 49.7127,
32.4484


60.2643, 57.1440,
44.0269

66.3731, 65.5329,
57.8667

 73.3174, 74.9129,
74.0806

 81.1283, 85.3158,
92.7736

 88.7875, 96.3526,
108.5261

 89.0697, 96.9170,
108.6201

Harmonies

Analogous

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



50.0221, 32.7980, 21.7137



43.4802, 32.7980, 10.0002



34.3057, 32.7980, 6.0700

Triad

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



43.4802, 32.7980, 10.0002



17.2873, 32.7980, 27.7109



37.2468, 32.7980, 103.7364

Complementary

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



43.4802, 32.7980, 10.0002



35.5887, 42.6277, 87.2407

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.



28.2380, 32.7980, 107.9863



43.4802, 32.7980, 10.0002



17.7773, 32.7980, 54.7132

Square

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



43.4802, 32.7980, 10.0002



19.9455, 32.7980, 12.6072



21.4402, 32.7980, 87.0393



45.9794, 32.7980, 77.2408

Rectangle

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



43.4802, 32.7980, 10.0002



28.4027, 32.7980, 6.0429



21.4402, 32.7980, 87.0393



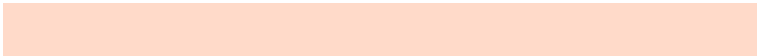
34.1189, 32.7980, 108.1718

Sweetspot

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



43.4810, 32.7998, 10.0008



76.9398, 75.7066, 66.0940



46.5793, 26.3102, 50.1438



16.0291, 15.6040, 13.1431



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.



43.4810, 32.7998, 10.0008



46.9473, 32.0398, 5.7895



58.1328, 62.1034, 14.8847



16.1744, 16.5619, 16.4940



21.1433, 13.0847, 1.4112



1.8443, 1.2593, 0.1459

Inverse Universe

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



35.5887, 42.6277, 87.2407



37.0027, 43.7797, 101.1078



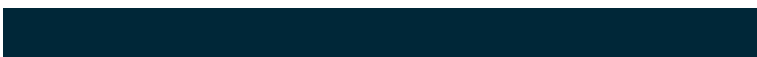
23.0219, 17.4942, 83.0518



15.8080, 17.0500, 20.1794



16.1250, 18.4743, 47.8439



1.4297, 1.7133, 4.0096

Previews

White Background



This preview shows how the XYZ color 43.4802, 32.7980, 10.0002 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 43.4802, 32.7980, 10.0002 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 43.4802, 32.7980, 10.0002

Background



This preview shows how black text looks on a background with the XYZ color 43.4802, 32.7980, 10.0002.



This preview shows how white text looks on a background with the XYZ color 43.4802, 32.7980,

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

43.4802, 32.7980, 10.0002

Protanopia

30.3869, 33.1417, 12.5800

Deuteranopia

33.5364, 32.8989, 9.5836



Tritanopia

46.3386, 32.9040, 23.3108

Trichromacy



Original Color

43.4802, 32.7980, 10.0002

Protanomaly

34.0778, 32.2181, 11.4438

Deuteranomaly

36.5402, 32.4258, 9.6431

Tritanomaly

45.0818, 32.7388, 17.3078

Monochromacy



Original Color

43.4802, 32.7980, 10.0002

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.5662, 30.5222, 22.5873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4802, 32.7980, 10.0002 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(238, 123, 71)` looks like.

```
.text, #text, p{  
    color:rgb(238, 123, 71)  
}
```

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(238, 123, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 123, 71) }
```

Border

The CSS property to change the border of an element to XYZ 43.4802, 32.7980, 10.0002 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(238, 123, 71) }
```


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

```
.border{ border-color:rgb(238, 123, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 123, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 123, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 123, 71);  
box-shadow:4px 4px 4px 4px rgb(238, 123,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4802, 32.7980, 10.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 123, 71) }
```

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

```
.background{ background-color: rgb(238,  
123, 71) }
```

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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