

Converting Colors

XYZ(46.2347, 42.1832, 24.6407)

Have a look what the booklet for
XYZ(46.2347, 42.1832, 24.6407)
contains.

| | |
|--|----|
| XYZ(46.3331, 42.1264, 24.7580) | 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(46.3331, 42.1264,
24.7580)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DEA07C |
| RGB | 222, 160, 124 |
| RGB Percent | 87%, 63%, 49% |
| CMY | 0.1294, 0.3725, 0.5137 |
| CMYK | 0.00, 0.28, 0.44, 0.13 |
| HSL | 22°, 60%, 68% |
| HSV | 22°, 44%, 87% |
| XYZ | 46.3331, 42.1264, 24.7580 |
| YIQ | 174.4340, 48.5080, 1.9480 |

Conversions

Conversions Part 2

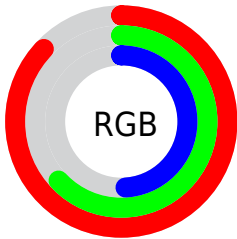
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 181, 124 |
| Decimal | 14590076 |
| CIE Lab | 70.96, 18.69, 27.86 |
| CIE LCh | 71, 33.545, 56.140 |
| Yxy | 42.1264, 0.4092, 0.3721 |
| Android (android.graphics.Color) | 4292780156 (0xFFDEA07C) |
| YUV | 174.4340, -24.8640, 41.7154 |
| Hunter-Lab | 64.9049, 13.8409, 22.8172 |

Details

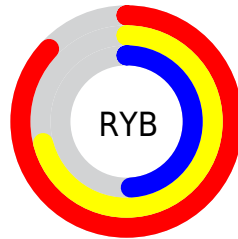
The XYZ color **46.3331, 42.1264, 24.7580** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.0552, 44.6752, 75.6719**, and the grayscale version is **40.5628, 42.6753, 46.4734**.

A 20% lighter version of the original color is **73.4763, 73.0352, 51.8196**, and **22.1496, 19.2325, 9.2014** is the 20% darker color. If you saturate the color by 10%, you get **42.7856, 37.0310, 17.4115**, and if you desaturate by 10%, it is **50.4738, 47.9024, 33.8622**.

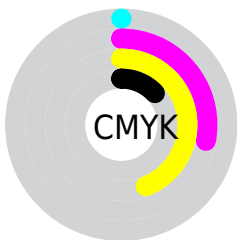
Distribution



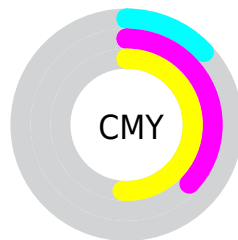
- Red (87%)
- Green (63%)
- Blue (49%)



- Red (87%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (13%)





- Cyan (13%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3331, 42.1264, 24.7580 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 46.3331, 42.1264, 24.7580 by changing the saturation by 10% instead.


 46.3331, 42.1264,
24.7580


 46.3331, 42.1264,
24.7580


362.8397,
355.0066, 290.0396


 32.7145, 29.2003,
15.6795


 83.9421, 78.3909,
52.2236

 22.0660, 19.2324,
9.1457

 108.6632,
102.4980, 71.4477

 14.0223, 11.8383,
4.7383


 137.8159,
131.1010, 94.8909

 8.2180, 6.6337,
2.0385

171.7654,
164.5842, 122.9715

 4.2877, 3.2341,
0.5788

210.8772,
203.3319, 156.1081

 1.8662, 1.2551,
0.0000

255.5166,

 0.5571, 0.1061,

247.7286, 194.7193

0.0000

306.0490,
298.1588, 239.2236

0.0000, 0.0000,
0.0000

46.3331, 42.1264,
24.7580

46.3331, 42.1264,
24.7580

42.7856, 37.0310,
17.4115

50.4738, 47.9024,
33.8622

39.7976, 32.5832,
11.7041

55.2327, 54.3781,
44.8272

37.3364, 28.7563,
7.5063


60.6371, 61.5791,
57.7507

35.3638, 25.5187,
4.6676


66.7115, 69.5281,
72.7230

33.8350, 22.8350,
3.0051

73.4792, 78.2467,
89.8288

 33.1085, 21.4983,
2.4046

 80.6057, 87.6127,
107.2703

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



50.4867, 42.1264, 33.5973



46.3331, 42.1264, 24.7580



40.7679, 42.1264, 21.4975

Triad

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



46.3331, 42.1264, 24.7580



30.2433, 42.1264, 43.8272



44.9653, 42.1264, 79.4304

Complementary

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



46.3331, 42.1264, 24.7580



39.0552, 44.6752, 75.6719

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.



39.3206, 42.1264, 83.9541



46.3331, 42.1264, 24.7580



31.1438, 42.1264, 60.8138

Square

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



46.3331, 42.1264, 24.7580



31.7598, 42.1264, 30.7643



34.3440, 42.1264, 76.4792



49.6468, 42.1264, 65.2495

Rectangle

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



46.3331, 42.1264, 24.7580



37.1251, 42.1264, 22.1950



34.3440, 42.1264, 76.4792



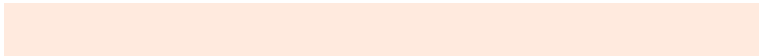
43.1033, 42.1264, 82.2543

Sweetspot

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



46.3342, 42.1284, 24.7588



83.8358, 85.3881, 81.0648



46.2021, 33.4933, 50.5216



17.5708, 17.7834, 16.4440



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.



46.3342, 42.1284, 24.7588



58.9029, 51.1761, 24.4951



56.5465, 62.5531, 28.1629



14.1175, 14.5211, 14.3655



19.7631, 12.9640, 1.4607



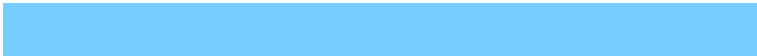
1.4533, 1.0655, 0.1291

Inverse Universe

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



39.0552, 44.6752, 75.6719



47.6893, 55.0310, 102.7163



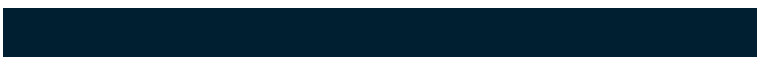
30.4525, 27.4698, 72.8044



13.6711, 14.6814, 17.5009



13.5495, 14.5686, 43.1462



1.0237, 1.1789, 3.0188

Previews

White Background



This preview shows how the XYZ color 46.3331, 42.1264, 24.7580 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 46.3331, 42.1264, 24.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

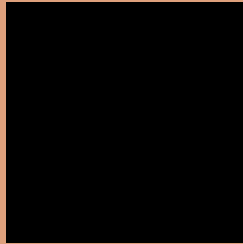
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.3331, 42.1264, 24.7580

Background



This preview shows how black text looks on a background with the XYZ color 46.3331, 42.1264, 24.7580.



This preview shows how white text looks on a background with the XYZ color 46.3331, 42.1264,

24.7580.

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

46.3331, 42.1264, 24.7580

Protanopia

39.4150, 42.3229, 27.2108

Deuteranopia

43.1260, 42.3329, 24.6370



Tritanopia

49.8026, 42.0331, 41.5647

Trichromacy



Original Color

46.3331, 42.1264, 24.7580

Protanomaly

41.6374, 42.0766, 26.3491

Deuteranomaly

44.0020, 41.9780, 24.5223

Tritanomaly

48.5257, 42.0189, 34.8310

Monochromacy



Original Color

46.3331, 42.1264, 24.7580

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6746, 41.8526, 37.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3331, 42.1264, 24.7580 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(222, 160, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 160, 124)  
}
```

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(222, 160, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 160, 124) }
```

Border

The CSS property to change the border of an element to XYZ 46.3331, 42.1264, 24.7580 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(222, 160, 124) }
```


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

```
.border{ border-color:rgb(222, 160, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 160, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 160, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 160, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 160,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3331, 42.1264, 24.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 160, 124) }
```

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

```
.background{ background-color: rgb(222,  
160, 124) }
```

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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