

Converting Colors

XYZ(46.5467, 42.4647, 29.2447)

Have a look what the booklet for
XYZ(46.5467, 42.4647, 29.2447)
contains.

XYZ(46.4736, 42.3560, 29.3930)	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(46.4736, 42.3560,
29.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA189
RGB	219, 161, 137
RGB Percent	86%, 63%, 54%
CMY	0.1412, 0.3686, 0.4627
CMYK	0.00, 0.26, 0.37, 0.14
HSL	18°, 53%, 70%
HSV	18°, 37%, 86%
XYZ	46.4736, 42.3560, 29.3930
YIQ	175.6060, 42.2720, 4.8320

Conversions

Conversions Part 2

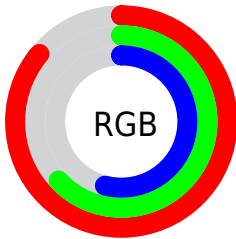
Format	Color
R _{YB}	219, 171, 137
Decimal	14393737
CIE Lab	71.12, 18.41, 20.94
CIE LCh	71, 27.881, 48.684
Yxy	42.3560, 0.3931, 0.3583
Android (android.graphics.Color)	4292583817 (0xFFDBA189)
YUV	175.6060, -19.0328, 38.0565
Hunter-Lab	65.0815, 13.5713, 18.7797

Details

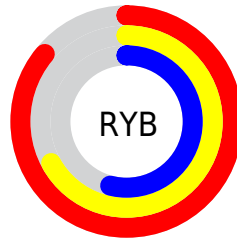
The XYZ color **46.4736, 42.3560, 29.3930** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6169, 49.4609, 74.3184**, and the grayscale version is **41.1432, 43.2858, 47.1383**.

A 20% lighter version of the original color is **75.0901, 74.0894, 59.0582**, and **22.0892, 19.3068, 11.5792** is the 20% darker color. If you saturate the color by 10%, you get **42.5183, 36.7094, 21.0949**, and if you desaturate by 10%, it is **51.0853, 48.8049, 39.4838**.

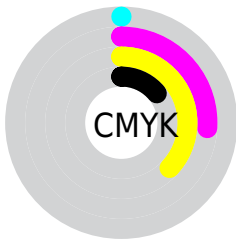
Distribution



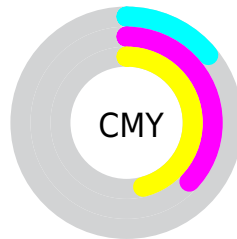
- Red (86%)
- Green (63%)
- Blue (54%)



- Red (86%)
- Yellow (67%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (14%)





- Cyan (14%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4736, 42.3560, 29.3930 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 46.4736, 42.3560, 29.3930 by changing the saturation by 10% instead.


 46.4736, 42.3560,
29.3930


 46.4736, 42.3560,
29.3930


363.3935,
355.9566, 313.1835


 32.8259, 29.3802,
19.1302


 84.1509, 78.7381,
59.7505

 22.1517, 19.3686,
11.5866


 108.9112,
102.9132, 80.6823

 14.0856, 11.9369,
6.3438


 138.1064,
131.5901, 106.0075

 8.2624, 6.7007,
2.9831

172.1018,
165.1533, 136.1447

 4.3165, 3.2757,
1.0860

211.2629,
203.9872, 171.5123

 1.8827, 1.2773,
0.0000

255.9550,

 0.5668, 0.1235,

248.4761, 212.5289

0.0000

306.5434,
299.0044, 259.6132

0.0000, 0.0000,
0.0000

46.4736, 42.3560,
29.3930

46.4736, 42.3560,
29.3930

42.5183, 36.7094,
21.0949

51.0853, 48.8049,
39.4838

39.1844, 31.8267,
14.4807

56.3795, 56.0802,
51.4623

36.4387, 27.6755,
9.4335

62.3847, 64.2125,
65.4197

34.2428, 24.2184,
5.8202

69.1269, 73.2292,
81.4405

32.5534, 21.4143,
3.4852

76.6307, 83.1563,
99.6045

■ 31.3155, 19.2154,
2.2193

■ 82.6858, 93.1250,
108.2247

■ 31.0530, 18.7394,
1.9804

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



49.3647, 42.3560, 38.3704



46.4736, 42.3560, 29.3930



42.0434, 42.3560, 25.2407

Triad

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



46.4736, 42.3560, 29.3930



32.0894, 42.3560, 41.2605



43.1998, 42.3560, 74.9767

Complementary

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



46.4736, 42.3560, 29.3930



42.6169, 49.4609, 74.3184

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.



38.5240, 42.3560, 76.1641



46.4736, 42.3560, 29.3930



32.3466, 42.3560, 54.8451

Square

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



46.4736, 42.3560, 29.3930



33.8913, 42.3560, 31.1557



34.6231, 42.3560, 68.2229



47.3762, 42.3560, 65.2373

Rectangle

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



46.4736, 42.3560, 29.3930



38.9192, 42.3560, 25.1040



34.6231, 42.3560, 68.2229



41.6274, 42.3560, 76.4506

Sweetspot

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



46.4747, 42.3580, 29.3938



84.8528, 86.3125, 84.8246



48.0965, 36.9266, 56.6781



17.9119, 18.1360, 17.5738



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.



46.4747, 42.3580, 29.3938



61.0977, 53.3721, 31.9894



54.6699, 58.7484, 32.1256



13.3651, 13.6695, 13.6596



18.4956, 11.2768, 1.2018



1.2718, 0.8777, 0.1024

Inverse Universe

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



42.6169, 49.4609, 74.3184



54.8716, 64.7455, 104.2128



34.7856, 33.7984, 71.7080



13.1062, 14.1521, 16.6930



14.6197, 17.1089, 42.2702



1.0202, 1.2546, 2.7628

Previews

White Background



This preview shows how the XYZ color 46.4736, 42.3560, 29.3930 looks on a white background.

Color Contrast Check

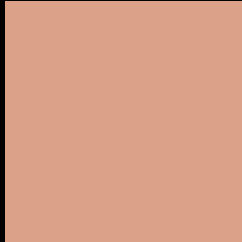
Large Text (above 18pt) WCAG AA × Fail

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 46.4736, 42.3560, 29.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

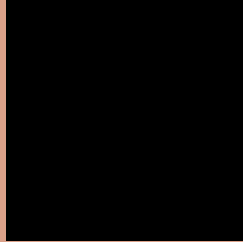
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4736, 42.3560, 29.3930

Background



This preview shows how black text looks on a background with the XYZ color 46.4736, 42.3560, 29.3930.



This preview shows how white text looks on a background with the XYZ color 46.4736, 42.3560,

29.3930.

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

46.4736, 42.3560, 29.3930

Protanopia

40.1016, 42.5696, 32.0898

Deuteranopia

43.1645, 42.2524, 29.1731



Tritanopia

49.2491, 42.4707, 42.6477

Trichromacy



Original Color

46.4736, 42.3560, 29.3930

Protanomaly

42.0216, 42.1693, 31.1240

Deuteranomaly

44.1936, 42.2432, 29.1170

Tritanomaly

48.1315, 42.2602, 37.5185

Monochromacy



Original Color

46.4736, 42.3560, 29.3930

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.8227, 42.9409, 40.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4736, 42.3560, 29.3930 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(219, 161, 137)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 137)  
}
```

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(219, 161, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 137) }
```

Border

The CSS property to change the border of an element to XYZ 46.4736, 42.3560, 29.3930 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(219, 161, 137) }
```


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

```
.border{ border-color:rgb(219, 161, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 161, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 137);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4736, 42.3560, 29.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 137) }
```

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

```
.background{ background-color: rgb(219,  
161, 137) }
```

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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