

Converting Colors

XYZ(42.5967, 47.0726, 7.9394)

Have a look what the booklet for
XYZ(42.5967, 47.0726, 7.9394)
contains.

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Color

**XYZ(42.5967, 47.0726,
7.9394)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB71C
RGB	206, 183, 28
RGB Percent	81%, 72%, 11%
CMY	0.1922, 0.2823, 0.8902
CMYK	0.00, 0.11, 0.86, 0.19
HSL	52°, 76%, 46%
HSV	52°, 86%, 81%
XYZ	42.5967, 47.0726, 7.9394
YIQ	172.2070, 63.4630, -43.3290

Conversions

Conversions Part 2

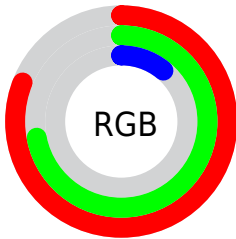
Format	Color
RYB	54, 206, 28
Decimal	13547292
CIELab	74.24, -6.32, 72.02
CIELCh	74, 72.301, 95.012
Yxy	47.0726, 0.4364, 0.4823
Android (android.graphics.Color)	4291737372 (0xFFCEB71C)
YUV	172.2070, -71.0941, 29.6365
Hunter-Lab	68.6095, -9.2435, 41.1657

Details

The XYZ color **42.5967, 47.0726, 7.9394** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **12.8035, 7.0710, 59.0822**, and the grayscale version is **39.6456, 41.7103, 45.4225**.

A 20% lighter version of the original color is **73.9948, 83.7483, 22.1626**, and **20.1489, 22.4356, 3.2686** is the 20% darker color. If you saturate the color by 10%, you get **41.8849, 45.9197, 6.8685**, and if you desaturate by 10%, it is **43.4884, 48.3177, 9.8967**.

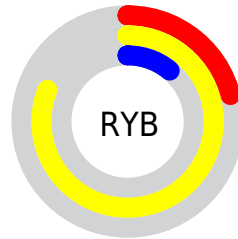
Distribution



Red (81%)

Green (72%)

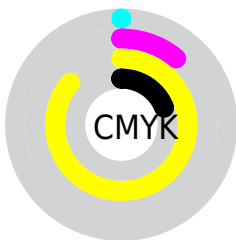
Blue (11%)



Red (21%)

Yellow (81%)

Blue (11%)

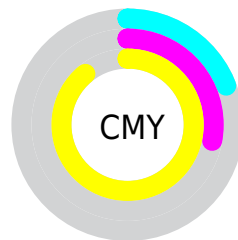


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (19%)



Cyan (19%)

Magenta (28%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5967, 47.0726, 7.9394 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 42.5967, 47.0726, 7.9394 by changing the saturation by 10% instead.

■ 42.5967, 47.0726,
7.9394

■ 42.5967, 47.0726,
7.9394

347.9003,
375.1042, 185.1727

■ 29.7620, 33.0931,
3.9690

■ 78.3614, 85.8220,
22.3838

■ 19.8051, 22.1977,
1.6083

■ 102.0221,
111.3606, 33.6948

■ 12.3609, 14.0023,
0.2968

■ 130.0222,
141.5210, 48.2898

■ 7.0639, 8.1222,
0.0000

■ 162.7269,
176.6877, 66.5872

■ 3.5488, 4.1733,
0.0000

■ 200.5018,
217.2449, 89.0057

■ 1.4502, 1.7710,
0.0000

■ 243.7120,

■ 0.2916, 0.4690,

263.5772, 115.9638

0.0000

292.7231,
316.0688, 147.8799

■ 0.0000, 0.0000,
0.0000

■ 42.5967, 47.0726,
7.9394

■ 42.5967, 47.0726,
7.9394

■ 41.8849, 45.9197,
6.8685

■ 43.4884, 48.3177,
9.8967

■ 41.6513, 45.5174,
6.5905

■ 44.5875, 49.6607,
12.8996

■ 45.9192, 51.1135,
17.0758

■ 47.5043, 52.6846,
22.5340

■ 49.3610, 54.3812,
29.3706

■ 51.5060, 56.2102,
37.6727

■ 53.9546, 58.1778,
47.5202

■ 56.7208, 60.2896,
58.9873

■ 59.8178, 62.5511,
72.1433

Harmonies

Analogous

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



56.1304, 47.0726, 9.9373



42.5967, 47.0726, 7.9394



31.8984, 47.0726, 12.1785

Triad

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



42.5967, 47.0726, 7.9394



27.2591, 47.0726, 104.1542



71.3804, 47.0726, 87.7534

Complementary

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



42.5967, 47.0726, 7.9394



12.8035, 7.0710, 59.0822

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.



60.6373, 47.0726, 134.8818



42.5967, 47.0726, 7.9394



35.0071, 47.0726, 147.1335

Square

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



42.5967, 47.0726, 7.9394



24.2045, 47.0726, 57.7531



46.9563, 47.0726, 160.4764



74.4829, 47.0726, 45.2618

Rectangle

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



42.5967, 47.0726, 7.9394



27.2549, 47.0726, 20.2289



46.9563, 47.0726, 160.4764



68.4533, 47.0726, 104.1164

Sweetspot

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



42.5978, 47.0749, 7.9403



83.4810, 91.0976, 61.1572



26.4829, 14.1982, 4.5630



17.5955, 19.2707, 12.0193



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.



42.5978, 47.0749, 7.9403



67.3766, 73.5332, 10.6422



33.2205, 49.8658, 8.9733



12.0254, 12.8398, 11.9240



25.6980, 28.1289, 4.0750



1.3610, 1.5218, 0.2220

Inverse Universe

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



12.8035, 7.0710, 59.0822



18.5923, 8.3045, 95.2308



16.0977, 7.6285, 59.0162



10.7166, 11.0737, 14.1430



7.1358, 3.2956, 36.2163



0.4075, 0.2488, 1.8815

Previews

White Background



This preview shows how the XYZ color 42.5967, 47.0726, 7.9394 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 42.5967, 47.0726, 7.9394 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 42.5967, 47.0726, 7.9394

Background



This preview shows how black text looks on a background with the XYZ color 42.5967, 47.0726, 7.9394.



This preview shows how white text looks on a background with the XYZ color 42.5967, 47.0726,

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

42.5967, 47.0726, 7.9394

Protanopia

42.5967, 47.0726, 7.9394

Deuteranopia

47.8801, 46.8315, 8.1059



Tritanopia

51.2409, 46.7673, 51.1260

Trichromacy



Original Color

42.5967, 47.0726, 7.9394

Protanomaly

42.5967, 47.0726, 7.9394

Deuteranomaly

45.8016, 46.9207, 8.0091

Tritanomaly

46.3121, 46.1893, 26.5532

Monochromacy



Original Color

42.5967, 47.0726, 7.9394

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6827, 42.5971, 23.9526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5967, 47.0726, 7.9394 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(206, 183, 28)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 28)  
}
```

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(206, 183, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 28) }
```

Border

The CSS property to change the border of an element to XYZ 42.5967, 47.0726, 7.9394 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(206, 183, 28) }
```


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

```
.border{ border-color:rgb(206, 183, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 28);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5967, 47.0726, 7.9394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 28) }
```

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

```
.background{ background-color: rgb(206,  
183, 28) }
```

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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