

Converting Colors

XYZ(43.5478, 42.8691, 10.2543)

Have a look what the booklet for
XYZ(43.5478, 42.8691, 10.2543)
contains.

XYZ(43.5478, 42.8691, 10.2543)	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(43.5478, 42.8691,
10.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA73C
RGB	218, 167, 60
RGB Percent	85%, 65%, 24%
CMY	0.1451, 0.3451, 0.7647
CMYK	0.00, 0.23, 0.72, 0.15
HSL	41°, 68%, 55%
HSV	41°, 72%, 85%
XYZ	43.5478, 42.8691, 10.2543
YIQ	170.0510, 64.7430, -22.4650

Conversions

Conversions Part 2

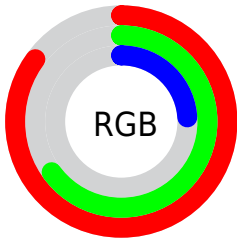
Format	Color
RYB	135, 218, 60
Decimal	14329660
CIELab	71.47, 8.45, 59.81
CIELCh	71, 60.404, 81.957
Yxy	42.8691, 0.4505, 0.4435
Android (android.graphics.Color)	4292519740 (0xFFDAA73C)
YUV	170.0510, -54.2551, 42.0513
Hunter-Lab	65.4745, 4.1419, 36.5464

Details

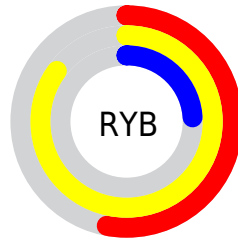
The XYZ color **43.5478, 42.8691, 10.2543** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **20.2026, 17.3909, 68.6213**, and the grayscale version is **38.4745, 40.4781, 44.0807**.

A 20% lighter version of the original color is **70.3419, 74.6948, 26.3329**, and **20.4288, 19.6324, 2.7127** is the 20% darker color. If you saturate the color by 10%, you get **41.8320, 40.1778, 7.4013**, and if you desaturate by 10%, it is **45.5729, 45.7998, 14.3818**.

Distribution



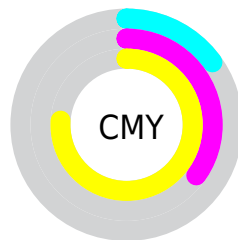
- Red (85%)
- Green (65%)
- Blue (24%)



- Red (53%)
- Yellow (85%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (72%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5478, 42.8691, 10.2543 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 43.5478, 42.8691, 10.2543 by changing the saturation by 10% instead.

43.5478, 42.8691,
10.2543

43.5478, 42.8691,
10.2543

351.7432,
358.0732, 203.0279

30.5115, 29.7824,
5.4601

79.7874, 79.5133,
26.8880

20.3772, 19.6735,
2.4562

103.7215,
103.8396, 39.5645

12.7794, 12.1579,
0.8168

132.0189,
132.6812, 55.7056

7.3527, 6.8513,
0.0000

165.0450,
166.4226, 75.7298

3.7320, 3.3693,
0.0000

203.1651,
205.4481, 100.0555

1.5516, 1.3274,
0.0000

246.7446,

0.3606, 0.1623,

250.1421, 129.1014

0.0000

296.1489,
300.8890, 163.2860

■ 0.0000, 0.0000,
0.0000

■ 43.5478, 42.8691,
10.2543

■ 43.5478, 42.8691,
10.2543

■ 41.8320, 40.1778,
7.4013

■ 45.5729, 45.7998,
14.3818

■ 40.3903, 37.7048,
5.6551

■ 47.9316, 48.9762,
19.9184

■ 39.4468, 35.9723,
4.8643

■ 50.6483, 52.4114,
26.9843

■ 53.7444, 56.1157,
35.6862

■ 57.2392, 60.0983,
46.1210

■ 61.1505, 64.3681,
58.3780

■ 65.4951, 68.9332,
72.5404

■ 70.2888, 73.8015,
88.6863

■ 75.3520, 78.9027,
105.8660

Harmonies

Analogous

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



54.0457, 42.8691, 14.9733



43.5478, 42.8691, 10.2543



33.8527, 42.8691, 11.5888

Triad

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



43.5478, 42.8691, 10.2543



25.1471, 42.8691, 70.9476



58.1978, 42.8691, 90.4759

Complementary

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



43.5478, 42.8691, 10.2543



20.2026, 17.3909, 68.6213

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.



48.5163, 42.8691, 120.4160



43.5478, 42.8691, 10.2543



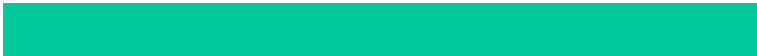
29.8292, 42.8691, 106.2499

Square

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



43.5478, 42.8691, 10.2543



24.2675, 42.8691, 39.2612



38.0666, 42.8691, 127.1530



63.3769, 42.8691, 54.9727

Rectangle

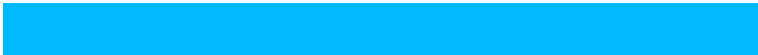
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5478, 42.8691, 10.2543



29.0044, 42.8691, 16.1573



38.0666, 42.8691, 127.1530



55.2923, 42.8691, 102.0450

Sweetspot

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



43.5488, 42.8712, 10.2551



81.7906, 85.8856, 66.2387



33.4913, 19.3222, 17.4896



17.2013, 18.0412, 13.2479



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.



43.5488, 42.8712, 10.2551



58.5322, 55.4018, 9.0585



47.5409, 61.6318, 13.6659



13.7895, 14.5184, 13.8011



23.7342, 21.7540, 2.9480



1.6144, 1.5630, 0.2166

Inverse Universe

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



20.2026, 17.3909, 68.6213



23.7084, 17.5986, 96.7550



18.1396, 10.2884, 67.3591



12.6801, 13.2999, 16.5510



8.9941, 5.8576, 40.3950



0.6594, 0.5329, 2.6426

Previews

White Background



This preview shows how the XYZ color 43.5478, 42.8691, 10.2543 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 43.5478, 42.8691, 10.2543 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 43.5478, 42.8691, 10.2543

Background



This preview shows how black text looks on a background with the XYZ color 43.5478, 42.8691, 10.2543.



This preview shows how white text looks on a background with the XYZ color 43.5478, 42.8691,

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

43.5478, 42.8691, 10.2543

Protanopia

39.1598, 43.1342, 10.8192

Deuteranopia

43.8477, 43.0237, 10.2684



Tritanopia

50.0077, 42.6116, 42.6350

Trichromacy



Original Color

43.5478, 42.8691, 10.2543

Protanomaly

40.6877, 43.0614, 10.5821

Deuteranomaly

43.8477, 43.0237, 10.2684

Tritanomaly

46.6575, 42.2562, 26.4660

Monochromacy



Original Color

43.5478, 42.8691, 10.2543

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7107, 40.5524, 26.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5478, 42.8691, 10.2543 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(218, 167, 60)` looks like.

```
.text, #text, p{  
    color:rgb(218, 167, 60)  
}
```

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(218, 167, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 167, 60) }
```

Border

The CSS property to change the border of an element to XYZ 43.5478, 42.8691, 10.2543 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(218, 167, 60) }
```


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

```
.border{ border-color:rgb(218, 167, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 167, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 167, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 167, 60);  
box-shadow:4px 4px 4px 4px rgb(218, 167,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5478, 42.8691, 10.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 167, 60) }
```

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

```
.background{ background-color: rgb(218,  
167, 60) }
```

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