

Converting Colors

XYZ(43.0582, 42.0915, 9.4695)

Have a look what the booklet for
XYZ(43.0582, 42.0915, 9.4695)
contains.

XYZ(43.0582, 42.0915, 9.4695)	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(43.0582, 42.0915,
9.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA537
RGB	218, 165, 55
RGB Percent	85%, 65%, 22%
CMY	0.1451, 0.3529, 0.7843
CMYK	0.00, 0.24, 0.75, 0.15
HSL	40°, 69%, 54%
HSV	40°, 75%, 85%
XYZ	43.0582, 42.0915, 9.4695
YIQ	168.3070, 66.8980, -22.9740

Conversions

Conversions Part 2

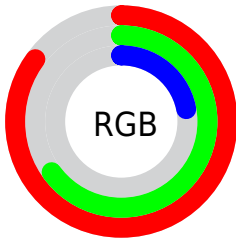
Format	Color
RYB	134, 218, 55
Decimal	14329143
CIELab	70.93, 9.29, 61.28
CIELCh	71, 61.976, 81.375
Yxy	42.0915, 0.4551, 0.4449
Android (android.graphics.Color)	4292519223 (0xFFDAA537)
YUV	168.3070, -55.8604, 43.5808
Hunter-Lab	64.8780, 4.9304, 36.7607

Details

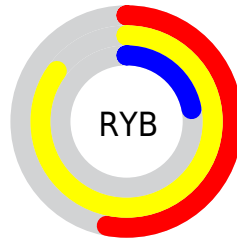
The XYZ color **43.0582, 42.0915, 9.4695** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.5929, 16.5989, 68.5006**, and the grayscale version is **37.6146, 39.5735, 43.0955**.

A 20% lighter version of the original color is **69.5935, 73.5505, 24.9967**, and **20.2032, 19.1812, 2.6375** is the 20% darker color. If you saturate the color by 10%, you get **41.4036, 39.4421, 6.8847**, and if you desaturate by 10%, it is **45.0163, 44.9790, 13.2941**.

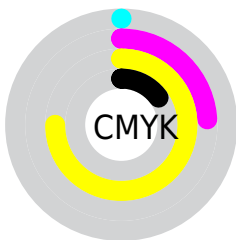
Distribution



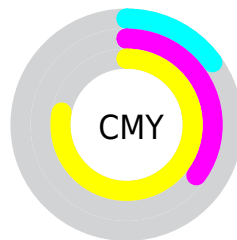
- Red (85%)
- Green (65%)
- Blue (22%)



- Red (53%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0582, 42.0915, 9.4695 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 43.0582, 42.0915, 9.4695 by changing the saturation by 10% instead.

43.0582, 42.0915,
9.4695

43.0582, 42.0915,
9.4695

349.7685,
354.8621, 197.1880

30.1255, 29.1729,
4.9477

79.0538, 78.3381,
25.3848

20.0824, 19.2117,
2.1584

102.8475,
102.4349, 37.6154

12.5636, 11.8233,
0.6502

130.9922,
131.0266, 53.2527

7.2036, 6.6235,
0.0000

163.8533,
164.4976, 72.7151

3.6372, 3.2278,
0.0000

201.7961,
203.2322, 96.4213

1.4990, 1.2518,
0.0000

245.1860,

0.3252, 0.1034,

247.6149, 124.7899

0.0000

294.3883,
298.0301, 158.2392

■ 0.0000, 0.0000,
0.0000

■ 43.0582, 42.0915,
9.4695

■ 43.0582, 42.0915,
9.4695

■ 41.4036, 39.4421,
6.8847

■ 45.0163, 44.9790,
13.2941

■ 40.0154, 37.0091,
5.3634

■ 47.3030, 48.1115,
18.4986

■ 39.3661, 35.8110,
4.8374

■ 49.9436, 51.5024,
25.2067

■ 52.9600, 55.1622,
33.5275

■ 56.3718, 59.1004,
43.5600

■ 60.1972, 63.3260,
55.3953

■ 64.4534, 67.8473,
69.1178

■ 69.1561, 72.6722,
84.8066

■ 74.3206, 77.8084,
102.5364

Harmonies

Analogous

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



53.7214, 42.0915, 14.2183



43.0582, 42.0915, 9.4695



33.1991, 42.0915, 10.6580

Triad

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



43.0582, 42.0915, 9.4695



24.2222, 42.0915, 69.8305



57.6053, 42.0915, 91.2663

Complementary

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



43.0582, 42.0915, 9.4695



19.5929, 16.5989, 68.5006

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.



47.6866, 42.0915, 121.7727



43.0582, 42.0915, 9.4695



28.8506, 42.0915, 106.1380

Square

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



43.0582, 42.0915, 9.4695



23.4148, 42.0915, 37.8223



37.1029, 42.0915, 128.1491



63.0174, 42.0915, 54.8961

Rectangle

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



43.0582, 42.0915, 9.4695



28.2678, 42.0915, 15.0372



37.1029, 42.0915, 128.1491



54.6145, 42.0915, 103.0981

Sweetspot

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



43.0592, 42.0936, 9.4703



81.7521, 85.8087, 66.2259



33.0581, 18.7495, 16.4396



17.1921, 18.0229, 13.2448



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.



43.0592, 42.0936, 9.4703



57.8198, 54.1302, 8.3490



47.2050, 61.4732, 12.9925



13.7868, 14.5130, 13.8002



23.6862, 21.6580, 2.9320



1.6116, 1.5573, 0.2156

Inverse Universe

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



19.5929, 16.5989, 68.5006



23.0316, 16.5697, 96.5921



17.5157, 9.5961, 67.2584



12.6827, 13.3051, 16.5518



9.0141, 5.8976, 40.4017



0.6609, 0.5360, 2.6431

Previews

White Background



This preview shows how the XYZ color 43.0582, 42.0915, 9.4695 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 43.0582, 42.0915, 9.4695 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 43.0582, 42.0915, 9.4695

Background



This preview shows how black text looks on a background with the XYZ color 43.0582, 42.0915, 9.4695.



This preview shows how white text looks on a background with the XYZ color 43.0582, 42.0915,

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

43.0582, 42.0915, 9.4695

Protanopia

38.3802, 42.1696, 9.9876

Deuteranopia

43.0582, 42.0915, 9.4695



Tritanopia

49.4899, 41.8719, 41.5501

Trichromacy



Original Color

43.0582, 42.0915, 9.4695

Protanomaly

39.9053, 42.1079, 9.7658

Deuteranomaly

43.0582, 42.0915, 9.4695

Tritanomaly

46.1170, 41.4897, 25.3163

Monochromacy



Original Color

43.0582, 42.0915, 9.4695

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8992, 39.6088, 25.7264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0582, 42.0915, 9.4695 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, 165, 55)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 55)  
}
```

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, 165, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 55) }
```

Border

The CSS property to change the border of an element to XYZ 43.0582, 42.0915, 9.4695 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, 165, 55) }
```


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

```
.border{ border-color:rgb(218, 165, 55) }
```

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

Here you see how a box with a 4 pixel rgb(218, 165, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 55);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0582, 42.0915, 9.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 55) }
```

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

```
.background{ background-color: rgb(218,  
165, 55) }
```

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