

Converting Colors

XYZ(43.4548, 42.6094, 7.5242)

Have a look what the booklet for
XYZ(43.4548, 42.6094, 7.5242)
contains.

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Color

**XYZ(43.4548, 42.6094,
7.5242)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCA623 |
| RGB | 220, 166, 35 |
| RGB Percent | 86%, 65%, 14% |
| CMY | 0.1373, 0.3490, 0.8627 |
| CMYK | 0.00, 0.25, 0.84, 0.14 |
| HSL | 42°, 73%, 50% |
| HSV | 42°, 84%, 86% |
| XYZ | 43.4548, 42.6094, 7.5242 |
| YIQ | 167.2120, 74.2350, -29.2930 |

Conversions

Conversions Part 2

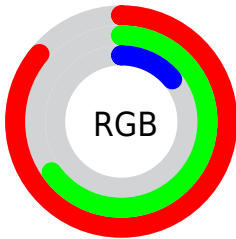
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 111, 220, 35 |
| Decimal | 14460451 |
| CIE Lab | 71.29, 8.94, 68.43 |
| CIE LCh | 71, 69.008, 82.557 |
| Yxy | 42.6094, 0.4643, 0.4553 |
| Android (android.graphics.Color) | 4292650531 (0xFFDCA623) |
| YUV | 167.2120, -65.1805, 46.2951 |
| Hunter-Lab | 65.2759, 4.5964, 38.8589 |

Details

The XYZ color **43.4548, 42.6094, 7.5242** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **17.1838, 12.6693, 69.2494**, and the grayscale version is **37.1179, 39.0509, 42.5265**.

A 20% lighter version of the original color is **69.1168, 73.7811, 21.1880**, and **20.6279, 19.7351, 2.7220** is the 20% darker color. If you saturate the color by 10%, you get **42.0867, 40.2425, 5.9303**, and if you desaturate by 10%, it is **45.0876, 45.1788, 10.2156**.

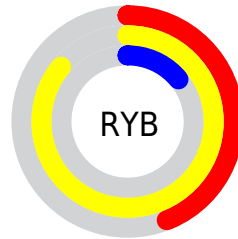
Distribution



Red (86%)

Green (65%)

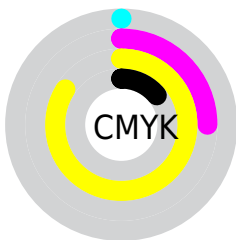
Blue (14%)



Red (44%)

Yellow (86%)

Blue (14%)

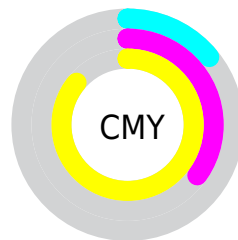


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4548, 42.6094, 7.5242 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 43.4548, 42.6094, 7.5242 by changing the saturation by 10% instead.


 43.4548, 42.6094,
7.5242


 43.4548, 42.6094,
7.5242


351.3687,
357.0030, 181.7439

 30.4382, 29.5788,
3.7087


 79.6482, 79.1211,
21.5508


 20.3211, 19.5191,
1.4669


 103.5556,
103.3709, 32.5990


 12.7383, 12.0459,
0.1931


 131.8241,
132.1293, 46.8951

 7.3244, 6.7750,
0.0000

 164.8189,
165.7806, 64.8577

 3.7139, 3.3218,
0.0000

 202.9054,
204.7092, 86.9054

 1.5416, 1.3019,
0.0000

 246.4490,

 0.3539, 0.1427,

249.2996, 113.4566

0.0000

295.8149,
299.9360, 144.9299

■ 0.0000, 0.0000,
0.0000

■ 43.4548, 42.6094,
7.5242

■ 43.4548, 42.6094,
7.5242

■ 42.0867, 40.2425,
5.9303

■ 45.0876, 45.1788,
10.2156

■ 41.3681, 38.9217,
5.3323

■ 47.0161, 47.9594,
14.1773

■ 49.2695, 50.9658,
19.5539

■ 51.8721, 54.2090,
26.4701

■ 54.8457, 57.6990,
35.0365

■ 58.2101, 61.4449,
45.3538

■ 61.9835, 65.4552,
57.5142

■ 66.1829, 69.7378,
71.6039

■ 70.8244, 74.3003,
87.7031

Harmonies

Analogous

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



55.6138, 42.6094, 11.9326



43.4548, 42.6094, 7.5242



32.5382, 42.6094, 8.8916

Triad

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



43.4548, 42.6094, 7.5242



23.2087, 42.6094, 75.4338



60.8928, 42.6094, 97.0164

Complementary

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



43.4548, 42.6094, 7.5242



17.1838, 12.6693, 69.2494

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.



49.6625, 42.6094, 133.8109



43.4548, 42.6094, 7.5242



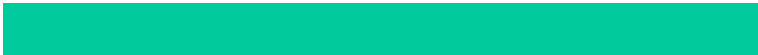
28.4055, 42.6094, 117.7488

Square

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



43.4548, 42.6094, 7.5242



22.1778, 42.6094, 38.6084



37.6803, 42.6094, 142.8081



66.8571, 42.6094, 55.1625

Rectangle

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



43.4548, 42.6094, 7.5242



27.2201, 42.6094, 13.4748



37.6803, 42.6094, 142.8081



57.5167, 42.6094, 111.0694

Sweetspot

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



43.4558, 42.6115, 7.5250



80.7804, 85.2504, 61.6320



31.9832, 17.1647, 11.4131



16.9250, 17.8444, 12.0586



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.



43.4558, 42.6115, 7.5250



57.6774, 54.1348, 7.4091



45.4251, 61.3748, 11.0429



13.8245, 14.5884, 13.8128



24.3792, 23.0439, 3.1630



1.6524, 1.6389, 0.2292

Inverse Universe

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



17.1838, 12.6693, 69.2494



20.5273, 12.1746, 95.8758



16.1922, 7.7475, 68.3517



12.6468, 13.2333, 16.5399



8.7484, 5.3663, 40.3131



0.6402, 0.4946, 2.6362

Previews

White Background



This preview shows how the XYZ color 43.4548, 42.6094, 7.5242 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 43.4548, 42.6094, 7.5242 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 43.4548, 42.6094, 7.5242

Background



This preview shows how black text looks on a background with the XYZ color 43.4548, 42.6094, 7.5242.



This preview shows how white text looks on a background with the XYZ color 43.4548, 42.6094,

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

43.4548, 42.6094, 7.5242

Protanopia

38.6899, 42.6638, 7.9460

Deuteranopia

43.4548, 42.6094, 7.5242



Tritanopia

50.5992, 42.6898, 41.6495

Trichromacy



Original Color

43.4548, 42.6094, 7.5242

Protanomaly

40.2478, 42.6116, 7.7726

Deuteranomaly

43.4548, 42.6094, 7.5242

Tritanomaly

46.7195, 42.1118, 22.8056

Monochromacy



Original Color

43.4548, 42.6094, 7.5242

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3982, 39.4084, 23.0883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4548, 42.6094, 7.5242 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(220, 166, 35)` looks like.

```
.text, #text, p{  
    color:rgb(220, 166, 35)  
}
```

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(220, 166, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 166, 35) }
```

Border

The CSS property to change the border of an element to XYZ 43.4548, 42.6094, 7.5242 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(220, 166, 35) }
```


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

```
.border{ border-color:rgb(220, 166, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 166, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 166, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 166, 35);  
box-shadow:4px 4px 4px 4px rgb(220, 166,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4548, 42.6094, 7.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 166, 35) }
```

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

```
.background{ background-color: rgb(220,  
166, 35) }
```

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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