

Converting Colors

XYZ(43.7269, 42.9779, 9.6049)

Have a look what the booklet for
XYZ(43.7269, 42.9779, 9.6049)
contains.

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Color

**XYZ(43.7217, 42.9733,
9.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA737
RGB	219, 167, 55
RGB Percent	86%, 65%, 22%
CMY	0.1412, 0.3451, 0.7843
CMYK	0.00, 0.24, 0.75, 0.14
HSL	41°, 69%, 54%
HSV	41°, 75%, 86%
XYZ	43.7217, 42.9733, 9.6047
YIQ	169.7800, 66.9440, -23.8080

Conversions

Conversions Part 2

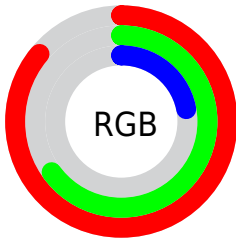
Format	Color
R_{YB}	131, 219, 55
Decimal	14395191
CIE _{Lab}	71.54, 8.66, 61.90
CIE _{LCh}	72, 62.498, 82.037
Yxy	42.9733, 0.4540, 0.4462
Android (android.graphics.Color)	4292585271 (0xFFDBA737)
YUV	169.7800, -56.5865, 43.1659
Hunter-Lab	65.5540, 4.3322, 37.2009

Details

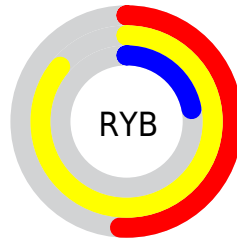
The XYZ color **43.7217, 42.9733, 9.6047** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.6192, 16.4415, 69.1569**, and the grayscale version is **38.3495, 40.3466, 43.9375**.

A 20% lighter version of the original color is **70.1216, 74.6067, 25.1727**, and **20.6279, 19.7351, 2.7220** is the 20% darker color. If you saturate the color by 10%, you get **42.0709, 40.3337, 7.0143**, and if you desaturate by 10%, it is **45.6756, 45.8468, 13.4453**.

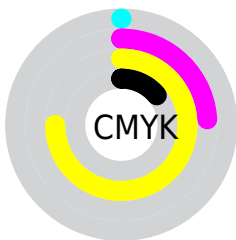
Distribution



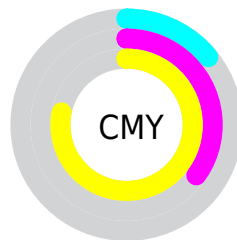
- Red (86%)
- Green (65%)
- Blue (22%)



- Red (51%)
- Yellow (86%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (14%)



- Cyan (14%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7217, 42.9733, 9.6047 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 43.7217, 42.9733, 9.6047 by changing the saturation by 10% instead.

43.7217, 42.9733,
9.6047

43.7217, 42.9733,
9.6047

352.4428,
358.5020, 198.2082

30.6487, 29.8642,
5.0355

80.0478, 79.6706,
25.6454

20.4820, 19.7355,
2.2090

104.0316,
104.0275, 37.9539

12.8562, 12.2029,
0.6796

132.3830,
132.9025, 53.6793

7.4059, 6.8820,
0.0000

165.4675,
166.6799, 73.2401

3.7658, 3.3884,
0.0000

203.6504,
205.7442, 97.0549

1.5705, 1.3377,
0.0000

247.2970,

0.3731, 0.1701,

250.4797, 125.5421

0.0000

296.7727,
301.2708, 159.1204

■ 0.0000, 0.0000,
0.0000

■ 43.7217, 42.9733,
9.6047

■ 43.7217, 42.9733,
9.6047

■ 42.0709, 40.3337,
7.0143

■ 45.6756, 45.8468,
13.4453

■ 40.6856, 37.9062,
5.4951

■ 47.9579, 48.9610,
18.6779

■ 40.0507, 36.7349,
4.9796

■ 50.5943, 52.3293,
25.4279

■ 53.6067, 55.9622,
33.8057

■ 57.0149, 59.8691,
43.9116

■ 60.8374, 64.0590,
55.8376

■ 65.0913, 68.5402,
69.6691

■ 69.7926, 73.3205,
85.4863

■ 74.9566, 78.4075,
103.3646

Harmonies

Analogous

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



54.6458, 42.9733, 14.2961



43.7217, 42.9733, 9.6047



33.6930, 42.9733, 10.9453

Triad

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



43.7217, 42.9733, 9.6047



24.7719, 42.9733, 72.1642



59.0274, 42.9733, 92.4304

Complementary

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



43.7217, 42.9733, 9.6047



19.6192, 16.4415, 69.1569

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.



48.9432, 42.9733, 123.9999



43.7217, 42.9733, 9.6047



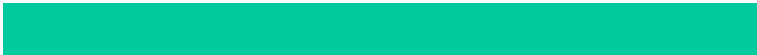
29.5883, 42.9733, 109.2088

Square

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



43.7217, 42.9733, 9.6047



23.8611, 42.9733, 39.1908



38.0970, 42.9733, 131.1936



64.4233, 42.9733, 55.3144

Rectangle

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



43.7217, 42.9733, 9.6047



28.7058, 42.9733, 15.5350



38.0970, 42.9733, 131.1936



55.9986, 42.9733, 104.6022

Sweetspot

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



43.7227, 42.9754, 9.6055



81.8834, 86.0712, 66.2697



33.3760, 18.9113, 16.5486



17.2233, 18.0852, 13.2552



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.



43.7227, 42.9754, 9.6055



58.1979, 54.8862, 8.4750



47.6749, 62.1016, 13.0889



13.7960, 14.5313, 13.8033



23.8508, 21.9871, 2.9869



1.6213, 1.5768, 0.2189

Inverse Universe

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



19.6192, 16.4415, 69.1569



22.8555, 16.2174, 96.5334



17.6614, 9.6561, 67.9503



12.6739, 13.2876, 16.5489



8.9466, 5.7626, 40.3792



0.6557, 0.5256, 2.6413

Previews

White Background



This preview shows how the XYZ color 43.7217, 42.9733, 9.6047 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 43.7217, 42.9733, 9.6047 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 43.7217, 42.9733, 9.6047

Background



This preview shows how black text looks on a background with the XYZ color 43.7217, 42.9733, 9.6047.



This preview shows how white text looks on a background with the XYZ color 43.7217, 42.9733,

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

43.7217, 42.9733, 9.6047

Protanopia

39.0288, 43.0818, 10.1295

Deuteranopia

44.0235, 43.1289, 9.6189



Tritanopia

50.6349, 42.9350, 42.6643

Trichromacy



Original Color

43.7217, 42.9733, 9.6047

Protanomaly

40.5592, 43.0100, 9.9054

Deuteranomaly

44.0235, 43.1289, 9.6189

Tritanomaly

47.1420, 42.5212, 25.8014

Monochromacy



Original Color

43.7217, 42.9733, 9.6047

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8233, 40.6258, 26.2174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7217, 42.9733, 9.6047 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, 167, 55)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 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(219, 167, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 55) }
```

Border

The CSS property to change the border of an element to XYZ 43.7217, 42.9733, 9.6047 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, 167, 55) }
```


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

```
.border{ border-color:rgb(219, 167, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 55);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7217, 42.9733, 9.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 55) }
```

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

```
.background{ background-color: rgb(219,  
167, 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](#).

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