

Converting Colors

XYZ(44.5332, 43.9589, 7.5852)

Have a look what the booklet for
XYZ(44.5332, 43.9589, 7.5852)
contains.

XYZ(44.5867, 44.0153, 7.5847)	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(44.5867, 44.0153,
7.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA921
RGB	222, 169, 33
RGB Percent	87%, 66%, 13%
CMY	0.1294, 0.3372, 0.8706
CMYK	0.00, 0.24, 0.85, 0.13
HSL	43°, 74%, 50%
HSV	43°, 85%, 87%
XYZ	44.5867, 44.0153, 7.5847
YIQ	169.3430, 75.2440, -31.0600

Conversions

Conversions Part 2

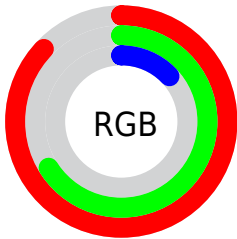
Format	Color
RYB	107, 222, 33
Decimal	14592289
CIELab	72.24, 8.16, 69.84
CIELCh	72, 70.319, 83.335
Yxy	44.0153, 0.4635, 0.4576
Android (android.graphics.Color)	4292782369 (0xFFDEA921)
YUV	169.3430, -67.2171, 46.1802
Hunter-Lab	66.3440, 3.8594, 39.6626

Details

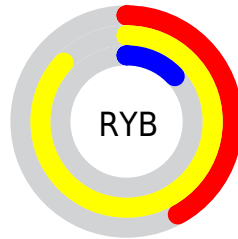
The XYZ color **44.5867, 44.0153, 7.5847** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **17.1400, 12.2530, 70.5685**, and the grayscale version is **38.1801, 40.1685, 43.7435**.

A 20% lighter version of the original color is **69.8714, 75.3616, 21.2196**, and **21.2616, 20.4040, 2.8178** is the 20% darker color. If you saturate the color by 10%, you get **43.2417, 41.6699, 6.0748**, and if you desaturate by 10%, it is **46.1935, 46.5572, 10.1923**.

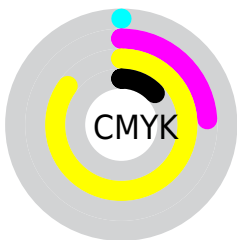
Distribution



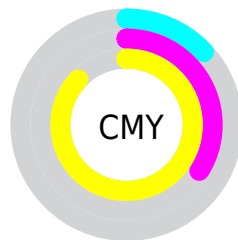
- Red (87%)
- Green (66%)
- Blue (13%)



- Red (42%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5867, 44.0153, 7.5847 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 44.5867, 44.0153, 7.5847 by changing the saturation by 10% instead.

■ 44.5867, 44.0153,
7.5847

■ 44.5867, 44.0153,
7.5847

355.9090,
362.7707, 182.2486

■ 31.3319, 30.6825,
3.7464

■ 81.3408, 81.2408,
21.6727

■ 21.0048, 20.3572,
1.4873

■ 105.5707,
105.9023, 32.7596

■ 13.2400, 12.6550,
0.2084

■ 134.1898,
135.1088, 47.0997

■ 7.6721, 7.1914,
0.0000

■ 167.5633,
169.2447, 65.1117

■ 3.9359, 3.5821,
0.0000

■ 206.0566,
208.6945, 87.2140

■ 1.6659, 1.4427,
0.0000

■ 250.0351,

■ 0.4348, 0.2478,

253.8425, 113.8253

0.0000

299.8641,
305.0731, 145.3639

■ 0.0000, 0.0000,
0.0000

■ 44.5867, 44.0153,
7.5847

■ 44.5867, 44.0153,
7.5847

■ 43.2417, 41.6699,
6.0748

■ 46.1935, 46.5572,
10.1923

■ 42.6517, 40.5848,
5.5857

■ 48.0947, 49.3044,
14.0786

■ 50.3203, 52.2721,
19.3944

■ 52.8956, 55.4713,
26.2687

■ 55.8430, 58.9122,
34.8161

■ 59.1828, 62.6040,
45.1403

■ 62.9337, 66.5553,
57.3365

■ 67.1132, 70.7742,
71.4931

■ 71.7376, 75.2681,
87.6930

Harmonies

Analogous

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



57.2774, 44.0153, 11.9403



44.5867, 44.0153, 7.5847



33.3007, 44.0153, 9.1392

Triad

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



44.5867, 44.0153, 7.5847



23.9413, 44.0153, 79.3617



63.3450, 44.0153, 99.5685

Complementary

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



44.5867, 44.0153, 7.5847



17.1400, 12.2530, 70.5685

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.



51.7160, 44.0153, 138.5055



44.5867, 44.0153, 7.5847



29.4526, 44.0153, 123.4376

Square

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



44.5867, 44.0153, 7.5847



22.7611, 44.0153, 40.6183



39.1993, 44.0153, 148.8710



69.3740, 44.0153, 56.0597

Rectangle

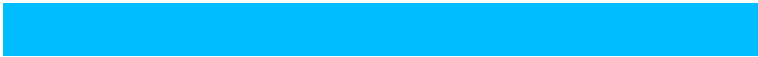
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.5867, 44.0153, 7.5847



27.8461, 44.0153, 14.0180



39.1993, 44.0153, 148.8710



59.8652, 44.0153, 114.3333

Sweetspot

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



44.5877, 44.0175, 7.5855



80.5063, 85.1481, 60.1656



32.3702, 17.2985, 10.5546



16.8811, 17.8419, 11.7812



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.



44.5877, 44.0175, 7.5855



58.2764, 55.3328, 7.6088



45.4637, 62.1820, 11.0455



14.5299, 15.3459, 14.5030



25.4328, 24.3034, 3.3506



1.8373, 1.8335, 0.2571

Inverse Universe

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



17.1400, 12.2530, 70.5685



20.3353, 11.7906, 95.8118



16.5494, 7.8161, 69.7432



13.2634, 13.8659, 17.3650



8.9440, 5.3575, 41.6111



0.6944, 0.5202, 2.9091

Previews

White Background



This preview shows how the XYZ color 44.5867, 44.0153, 7.5847 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 44.5867, 44.0153, 7.5847 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 44.5867, 44.0153, 7.5847

Background



This preview shows how black text looks on a background with the XYZ color 44.5867, 44.0153, 7.5847.



This preview shows how white text looks on a background with the XYZ color 44.5867, 44.0153,

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

44.5867, 44.0153, 7.5847

Protanopia

40.0432, 44.2415, 8.0191

Deuteranopia

45.0176, 43.9624, 7.5517



Tritanopia

51.8515, 43.8015, 43.2578

Trichromacy



Original Color

44.5867, 44.0153, 7.5847

Protanomaly

41.6311, 44.1853, 7.8478

Deuteranomaly

44.7086, 43.8030, 7.5373

Tritanomaly

47.8136, 43.1767, 23.5832

Monochromacy



Original Color

44.5867, 44.0153, 7.5847

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3172, 40.4234, 23.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5867, 44.0153, 7.5847 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(222, 169, 33)` looks like.

```
.text, #text, p{  
    color:rgb(222, 169, 33)  
}
```

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(222, 169, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 169, 33) }
```

Border

The CSS property to change the border of an element to XYZ 44.5867, 44.0153, 7.5847 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(222, 169, 33) }
```


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

```
.border{ border-color:rgb(222, 169, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 169, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 169, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 169, 33);  
box-shadow:4px 4px 4px 4px rgb(222, 169,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5867, 44.0153, 7.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 169, 33) }
```

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

```
.background{ background-color: rgb(222,  
169, 33) }
```

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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