

Converting Colors

XYZ(44.2975, 42.8943, 10.6474)

Have a look what the booklet for
XYZ(44.2975, 42.8943, 10.6474)
contains.

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Color

**XYZ(44.3522, 43.0035,
10.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA63F
RGB	221, 166, 63
RGB Percent	87%, 65%, 25%
CMY	0.1333, 0.3490, 0.7529
CMYK	0.00, 0.25, 0.71, 0.13
HSL	39°, 70%, 56%
HSV	39°, 71%, 87%
XYZ	44.3522, 43.0035, 10.6655
YIQ	170.7030, 65.8430, -20.3730

Conversions

Conversions Part 2

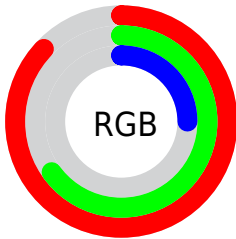
Format	Color
RYB	147, 221, 63
Decimal	14526015
CIELab	71.56, 10.42, 58.77
CIElCh	72, 59.683, 79.949
Yxy	43.0035, 0.4525, 0.4387
Android (android.graphics.Color)	4292716095 (0xFFDDA63F)
YUV	170.7030, -53.0976, 44.1105
Hunter-Lab	65.5771, 5.9663, 36.2610

Details

The XYZ color **44.3522, 43.0035, 10.6655** 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 **21.5791, 19.2332, 70.9811**, and the grayscale version is **38.7955, 40.8159, 44.4485**.

A 20% lighter version of the original color is **70.2488, 74.2339, 27.1491**, and **20.9176, 19.7160, 2.7031** is the 20% darker color. If you saturate the color by 10%, you get **42.4976, 40.0924, 7.5877**, and if you desaturate by 10%, it is **46.5402, 46.1852, 15.0775**.

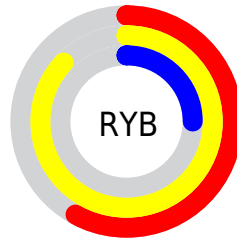
Distribution



Red (87%)

Green (65%)

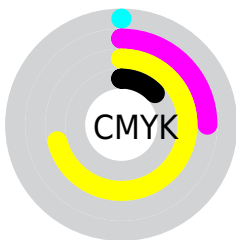
Blue (25%)



Red (58%)

Yellow (87%)

Blue (25%)

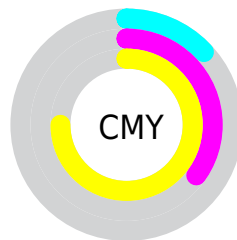


Cyan (0%)

Magenta (25%)

Yellow (71%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3522, 43.0035, 10.6655 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 44.3522, 43.0035, 10.6655 by changing the saturation by 10% instead.

44.3522, 43.0035,
10.6655

44.3522, 43.0035,
10.6655

354.9716,
358.6262, 206.0124

31.1466, 29.8879,
5.7311

80.9905, 79.7161,
27.6671

20.8629, 19.7535,
2.6161

105.1539,
104.0819, 40.5713

13.1357, 12.2160,
0.9008

133.7007,
132.9666, 56.9692

7.5997, 6.8909,
0.0000

166.9961,
166.7544, 77.2792

3.8895, 3.3940,
0.0000

205.4055,
205.8299, 101.9201

1.6398, 1.3407,
0.0000

249.2944,

0.4182, 0.1724,

250.5775, 131.3102

0.0000

299.0279,
301.3814, 165.8681

■ 0.0000, 0.0000,
0.0000

■ 44.3522, 43.0035,
10.6655

■ 44.3522, 43.0035,
10.6655

■ 42.4976, 40.0924,
7.5877

■ 46.5402, 46.1852,
15.0775

■ 40.9403, 37.4300,
5.6743

■ 49.0865, 49.6447,
20.9612

■ 39.8035, 35.3419,
4.7238

■ 52.0166, 53.3959,
28.4395

■ 55.3525, 57.4499,
37.6215

■ 59.1142, 61.8169,
48.6069

■ 63.3206, 66.5063,
61.4874

■ 67.9889, 71.5270,
76.3485

■ 73.1355, 76.8878,
93.2705

■ 77.6446, 82.1441,
106.3708

Harmonies

Analogous

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



54.6642, 43.0035, 15.8802



44.3522, 43.0035, 10.6655



34.6082, 43.0035, 11.6174

Triad

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



44.3522, 43.0035, 10.6655



25.2210, 43.0035, 68.4415



57.5863, 43.0035, 92.4211

Complementary

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



44.3522, 43.0035, 10.6655



21.5791, 19.2332, 70.9811

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.



47.8528, 43.0035, 120.8302



44.3522, 43.0035, 10.6655



29.6224, 43.0035, 103.4967

Square

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



44.3522, 43.0035, 10.6655



24.5987, 43.0035, 37.7843



37.5817, 43.0035, 125.5559



63.0947, 43.0035, 57.2003

Rectangle

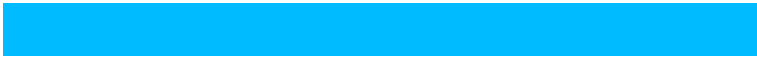
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.3522, 43.0035, 10.6655



29.6439, 43.0035, 15.8490



37.5817, 43.0035, 125.5559



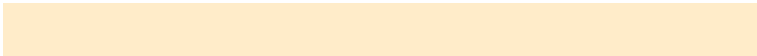
54.6318, 43.0035, 103.6054

Sweetspot

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



44.3532, 43.0056, 10.6663



81.9352, 85.6973, 67.7591



34.8842, 20.2426, 19.3023



17.2134, 17.9726, 13.5378



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.



44.3532, 43.0056, 10.6663



57.6077, 53.4933, 8.9341



49.8581, 63.9822, 14.4251



13.7609, 14.4612, 13.7916



23.2324, 20.7503, 2.7807



1.5846, 1.5032, 0.2066

Inverse Universe

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



21.5791, 19.2332, 70.9811



24.5647, 19.1848, 97.0161



18.7315, 10.7877, 69.5011



12.7075, 13.3547, 16.5601



9.2161, 6.3016, 40.4690



0.6761, 0.5663, 2.6481

Previews

White Background



This preview shows how the XYZ color 44.3522, 43.0035, 10.6655 looks on a white background.

Color Contrast Check

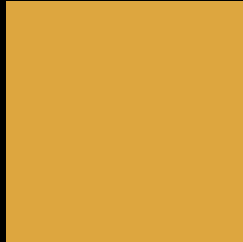
Large Text (above 18pt) WCAG AA × Fail

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 44.3522, 43.0035, 10.6655 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 44.3522, 43.0035, 10.6655

Background



This preview shows how black text looks on a background with the XYZ color 44.3522, 43.0035, 10.6655.



This preview shows how white text looks on a background with the XYZ color 44.3522, 43.0035,

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

44.3522, 43.0035, 10.6655

Protanopia

39.2737, 43.1798, 11.4188

Deuteranopia

43.9293, 43.0564, 10.6980



Tritanopia

50.8584, 43.0609, 42.1903

Trichromacy



Original Color

44.3522, 43.0035, 10.6655

Protanomaly

40.8835, 42.8658, 11.1202

Deuteranomaly

44.2311, 43.2120, 10.7121

Tritanomaly

47.5846, 42.7341, 26.5094

Monochromacy



Original Color

44.3522, 43.0035, 10.6655

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3391, 40.8607, 27.6433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3522, 43.0035, 10.6655 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(221, 166, 63)` looks like.

```
.text, #text, p{  
    color:rgb(221, 166, 63)  
}
```

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(221, 166, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 63) }
```

Border

The CSS property to change the border of an element to XYZ 44.3522, 43.0035, 10.6655 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(221, 166, 63) }
```


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

```
.border{ border-color:rgb(221, 166, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 166, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 166, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 166, 63);  
box-shadow:4px 4px 4px 4px rgb(221, 166,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3522, 43.0035, 10.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 63) }
```

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

```
.background{ background-color: rgb(221,  
166, 63) }
```

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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