

Converting Colors

XYZ(41.3603, 43.1459, 6.1481)

Have a look what the booklet for
XYZ(41.3603, 43.1459, 6.1481)
contains.

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Color

**XYZ(41.3309, 43.2067,
6.1614)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AC00
RGB	210, 172, 0
RGB Percent	82%, 67%, 0%
CMY	0.1765, 0.3255, 0.9999
CMYK	0.00, 0.18, 1.00, 0.18
HSL	49°, 100%, 41%
HSV	49°, 100%, 82%
XYZ	41.3309, 43.2067, 6.1614
YIQ	163.7540, 77.8600, -45.4360

Conversions

Conversions Part 2

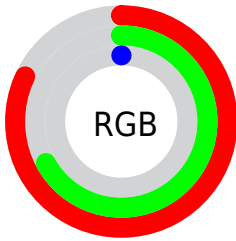
Format	Color
R _Y B	46, 210, 0
Decimal	13806592
CIE Lab	71.70, 0.81, 74.41
CIE LCh	72, 74.419, 89.377
Yxy	43.2067, 0.4557, 0.4764
Android (android.graphics.Color)	4291996672 (0xFFD2AC00)
YUV	163.7540, -80.7307, 40.5577
Hunter-Lab	65.7318, -2.7933, 40.4547

Details

The XYZ color **41.3309, 43.2067, 6.1614** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **12.3265, 6.0402, 61.4885**, and the grayscale version is **35.5174, 37.3671, 40.6927**.

A 20% lighter version of the original color is **70.1204, 76.7627, 18.5181**, and **19.2941, 19.9170, 2.8274** is the 20% darker color. If you saturate the color by 10%, you get **41.3311, 43.2075, 6.1615**, and if you desaturate by 10%, it is **42.2009, 44.7302, 7.1199**.

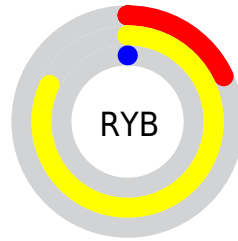
Distribution



Red (82%)

Green (67%)

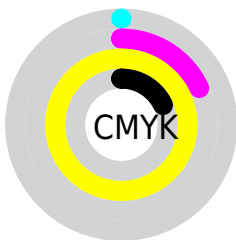
Blue (0%)



Red (18%)

Yellow (82%)

Blue (0%)

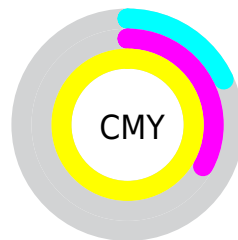


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3309, 43.2067, 6.1614 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 41.3309, 43.2067, 6.1614 by changing the saturation by 10% instead.

■ 41.3309, 43.2067,
6.1614

■ 41.3309, 43.2067,
6.1614

342.7407,
359.4611, 169.8589

■ 28.7665, 30.0473,
2.8731

■ 76.4575, 80.0227,
18.7484

■ 19.0477, 19.8745,
1.0302

■ 99.7504, 104.4481,
28.8842

■ 11.8089, 12.3039,
0.0000

■ 127.3503,
133.3976, 42.1396

■ 6.6850, 6.9510,
0.0000

■ 159.6224,
167.2557, 58.9330

■ 3.3105, 3.4315,
0.0000

■ 196.9322,
206.4067, 79.6832

■ 1.3200, 1.3609,
0.0000

■ 239.6449,

■ 0.1981, 0.1877,

251.2350, 104.8085

0.0000

288.1260,
302.1250, 134.7276

■ 0.0000, 0.0000,
0.0000

■ 41.3309, 43.2067,
6.1614

■ 41.3309, 43.2067,
6.1614

■ 41.3311, 43.2075,
6.1615

■ 42.2009, 44.7302,
7.1199

■ 43.2381, 46.3521,
8.8602

■ 44.4930, 48.0948,
11.6435

■ 45.9928, 49.9694,
15.6122

■ 47.7606, 51.9853,
20.8864

■ 49.8164, 54.1508,
27.5714

■ 52.1784, 56.4734,
35.7616

■ 54.8630, 58.9599,
45.5434

■ 57.8856, 61.6169,
56.9967

Harmonies

Analogous

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



54.7024, 43.2067, 9.0114



41.3309, 43.2067, 6.1614



30.2802, 43.2067, 8.7628

Triad

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



41.3309, 43.2067, 6.1614



23.3492, 43.2067, 90.0114



65.6753, 43.2067, 92.0422

Complementary

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



41.3309, 43.2067, 6.1614



12.3265, 6.0402, 61.4885

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.



54.1514, 43.2067, 137.2521



41.3309, 43.2067, 6.1614



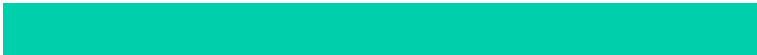
29.9090, 43.2067, 135.7161

Square

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



41.3309, 43.2067, 6.1614



21.2742, 43.2067, 46.2937



40.8036, 43.2067, 156.3009



70.4087, 43.2067, 47.8039

Rectangle

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



41.3309, 43.2067, 6.1614



25.2706, 43.2067, 14.7626



40.8036, 43.2067, 156.3009



62.3648, 43.2067, 108.3136

Sweetspot

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



41.3319, 43.2088, 6.1622



80.8283, 87.4988, 55.0120



26.9366, 13.8452, 3.1303



16.9549, 18.3937, 10.5598



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.



41.3319, 43.2088, 6.1622



64.0063, 66.7926, 9.5188



34.4619, 51.9777, 8.2169



12.6140, 13.4186, 12.5373



25.2791, 26.4912, 3.7810



1.4620, 1.5784, 0.2276

Inverse Universe

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



12.3265, 6.0402, 61.4885



19.0324, 9.1849, 95.3775



13.9144, 5.8296, 61.3642



11.3342, 11.7587, 14.9159



7.5717, 3.7899, 37.5250



0.4769, 0.3190, 2.1160

Previews

White Background



This preview shows how the XYZ color 41.3309, 43.2067, 6.1614 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 41.3309, 43.2067, 6.1614 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 41.3309, 43.2067, 6.1614

Background



This preview shows how black text looks on a background with the XYZ color 41.3309, 43.2067, 6.1614.



This preview shows how white text looks on a background with the XYZ color 41.3309, 43.2067,

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

41.3309, 43.2067, 6.1614

Protanopia

38.8579, 43.0740, 6.4958

Deuteranopia

44.0441, 43.2075, 6.5488



Tritanopia

49.2306, 43.1802, 44.7696

Trichromacy



Original Color

41.3309, 43.2067, 6.1614

Protanomaly

39.7145, 43.2275, 6.3941

Deuteranomaly

43.1618, 43.3055, 6.4005

Tritanomaly

44.3547, 42.2540, 20.2861

Monochromacy



Original Color

41.3309, 43.2067, 6.1614

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3735, 38.4607, 18.6560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3309, 43.2067, 6.1614 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(210, 172, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 172, 0)  
}
```

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(210, 172, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 172, 0) }
```

Border

The CSS property to change the border of an element to XYZ 41.3309, 43.2067, 6.1614 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(210, 172, 0) }
```


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

```
.border{ border-color:rgb(210, 172, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 172, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 172, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 172, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 172,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3309, 43.2067, 6.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 172, 0) }
```

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

```
.background{ background-color: rgb(210,  
172, 0) }
```

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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