

Converting Colors

XYZ(41.1746, 41.5917, 8.2033)

Have a look what the booklet for
XYZ(41.1746, 41.5917, 8.2033)
contains.

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Color

**XYZ(41.1373, 41.6682,
8.2575)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A72C
RGB	211, 167, 44
RGB Percent	83%, 65%, 17%
CMY	0.1726, 0.3451, 0.8274
CMYK	0.00, 0.21, 0.79, 0.17
HSL	44°, 65%, 50%
HSV	44°, 79%, 83%
XYZ	41.1373, 41.6682, 8.2575
YIQ	166.1340, 65.7070, -28.9250

Conversions

Conversions Part 2

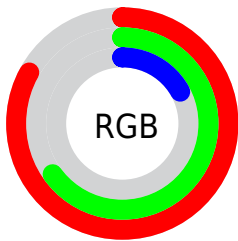
Format	Color
RYB	104, 211, 44
Decimal	13870892
CIELab	70.64, 4.76, 64.73
CIELCh	71, 64.900, 85.796
Yxy	41.6682, 0.4517, 0.4576
Android (android.graphics.Color)	4292060972 (0xFFD3A72C)
YUV	166.1340, -60.2121, 39.3475
Hunter-Lab	64.5509, 0.7912, 37.6011

Details

The XYZ color **41.1373, 41.6682, 8.2575** 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 **16.2863, 12.2179, 63.1274**, and the grayscale version is **36.5715, 38.4760, 41.9004**.

A 20% lighter version of the original color is **69.6615, 74.4227, 22.7500**, and **19.0796, 18.9369, 2.6496** is the 20% darker color. If you saturate the color by 10%, you get **39.8406, 39.5566, 6.3410**, and if you desaturate by 10%, it is **42.6811, 43.9520, 11.2510**.

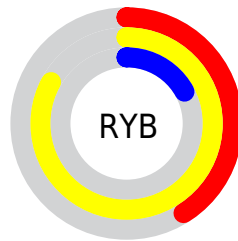
Distribution



Red (83%)

Green (65%)

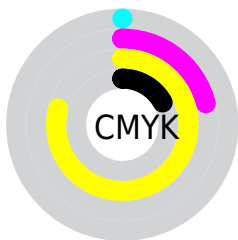
Blue (17%)



Red (41%)

Yellow (83%)

Blue (17%)

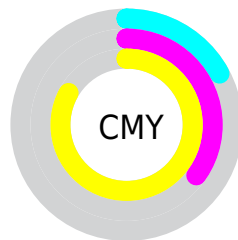


Cyan (0%)

Magenta (21%)

Yellow (79%)

Black (17%)



Cyan (17%)


Magenta (35%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1373, 41.6682, 8.2575 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 41.1373, 41.6682, 8.2575 by changing the saturation by 10% instead.


 41.1373, 41.6682,
8.2575


 41.1373, 41.6682,
8.2575


341.9469,
353.1056, 187.7474

 28.6145, 28.8416,
4.1700


 76.1657, 77.6972,
23.0162

 18.9322, 18.9610,
1.7191


 99.4020, 101.6684,
34.5244

 11.7250, 11.6421,
0.3738


 126.9402,
130.1232, 49.3434

 6.6276, 6.5005,
0.0000

 159.1456,
163.4460, 67.8916

 3.2746, 3.1517,
0.0000

 196.3836,
202.0213, 90.5875

 1.3006, 1.2114,
0.0000

 239.0196,

 0.1836, 0.0710,

246.2334, 117.8498

0.0000

287.4189,
296.4667, 150.0969

■ 0.0000, 0.0000,
0.0000

■ 41.1373, 41.6682,
8.2575

■ 41.1373, 41.6682,
8.2575

■ 39.8406, 39.5566,
6.3410

■ 42.6811, 43.9520,
11.2510

■ 38.7434, 37.5923,
5.2659

■ 44.4966, 46.4138,
15.4610

■ 38.6539, 37.4292,
5.1873

■ 46.6081, 49.0656,
21.0082

■ 49.0360, 51.9166,
27.9985

■ 51.7990, 54.9750,
36.5266

■ 54.9139, 58.2483,
46.6795

■ 58.3966, 61.7437,
58.5376

■ 62.2615, 65.4677,
72.1757

■ 66.5227, 69.4267,
87.6644

Harmonies

Analogous

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



52.3821, 41.6682, 11.9315



41.1373, 41.6682, 8.2575



31.2815, 41.6682, 10.2392

Triad

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



41.1373, 41.6682, 8.2575



23.7712, 41.6682, 76.2747



59.2529, 41.6682, 87.3901

Complementary

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



41.1373, 41.6682, 8.2575



16.2863, 12.2179, 63.1274

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.



49.2863, 41.6682, 122.1516



41.1373, 41.6682, 8.2575



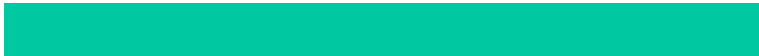
29.0945, 41.6682, 113.9531

Square

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



41.1373, 41.6682, 8.2575



22.3749, 41.6682, 41.1714



38.1100, 41.6682, 133.5877



63.9717, 41.6682, 49.8438

Rectangle

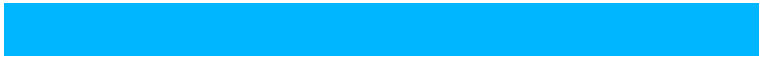
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.1373, 41.6682, 8.2575



26.5701, 41.6682, 15.3685



38.1100, 41.6682, 133.5877



56.3266, 41.6682, 100.3478

Sweetspot

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



41.1382, 41.6702, 8.2583



81.7858, 86.8073, 63.3662



29.5484, 16.3640, 10.9507



17.1451, 18.1979, 12.3993



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.



41.1382, 41.6702, 8.2583



59.9814, 58.6291, 8.5276



40.7695, 55.5445, 10.9558



12.5289, 13.2486, 12.5089



23.4154, 22.7638, 3.1597



1.3721, 1.3985, 0.1976

Inverse Universe

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



16.2863, 12.2179, 63.1274



20.8361, 12.5513, 95.9322



16.2233, 8.3425, 62.3827



11.4134, 11.9170, 14.9423



8.0092, 4.6649, 37.6708



0.5136, 0.3923, 2.1282

Previews

White Background



This preview shows how the XYZ color 41.1373, 41.6682, 8.2575 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 41.1373, 41.6682, 8.2575 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 41.1373, 41.6682, 8.2575

Background



This preview shows how black text looks on a background with the XYZ color 41.1373, 41.6682, 8.2575.



This preview shows how white text looks on a background with the XYZ color 41.1373, 41.6682,

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

41.1373, 41.6682, 8.2575

Protanopia

37.6848, 41.5537, 8.6192

Deuteranopia

42.3644, 41.4921, 8.2586



Tritanopia

48.1698, 41.6642, 42.5490

Trichromacy



Original Color

41.1373, 41.6682, 8.2575

Protanomaly

38.8560, 41.5946, 8.4633

Deuteranomaly

41.9531, 41.5468, 8.2908

Tritanomaly

44.4649, 41.1706, 24.3421

Monochromacy



Original Color

41.1373, 41.6682, 8.2575

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4405, 38.6227, 23.9467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1373, 41.6682, 8.2575 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(211, 167, 44)` looks like.

```
.text, #text, p{  
    color:rgb(211, 167, 44)  
}
```

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(211, 167, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 167, 44) }
```

Border

The CSS property to change the border of an element to XYZ 41.1373, 41.6682, 8.2575 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(211, 167, 44) }
```


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

```
.border{ border-color:rgb(211, 167, 44) }
```

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

Here you see how a box with a 4 pixel rgb(211, 167, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 167, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 167, 44);  
box-shadow:4px 4px 4px 4px rgb(211, 167,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1373, 41.6682, 8.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 167, 44) }
```

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

```
.background{ background-color: rgb(211,  
167, 44) }
```

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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