

Converting Colors

XYZ(41.8884, 43.2874, 6.3570)

Have a look what the booklet for
XYZ(41.8884, 43.2874, 6.3570)
contains.

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Color

**XYZ(41.7526, 43.1382,
6.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AB07
RGB	212, 171, 7
RGB Percent	83%, 67%, 3%
CMY	0.1686, 0.3294, 0.9725
CMYK	0.00, 0.19, 0.97, 0.17
HSL	48°, 94%, 43%
HSV	48°, 97%, 83%
XYZ	41.7526, 43.1382, 6.3269
YIQ	164.5630, 77.0800, -42.3120

Conversions

Conversions Part 2

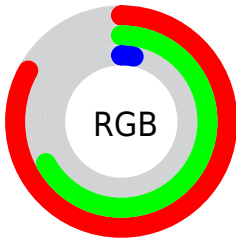
Format	Color
RYB	58, 212, 7
Decimal	13937415
CIELab	71.65, 2.29, 73.65
CIElCh	72, 73.689, 88.217
Yxy	43.1382, 0.4577, 0.4729
Android (android.graphics.Color)	4292127495 (0xFFD4AB07)
YUV	164.5630, -77.6786, 41.6022
Hunter-Lab	65.6797, -1.4669, 40.2644

Details

The XYZ color **41.7526, 43.1382, 6.3269** 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 **13.0287, 6.9134, 62.9345**, and the grayscale version is **35.8909, 37.7600, 41.1206**.

A 20% lighter version of the original color is **69.9216, 76.2468, 18.8164**, and **19.5457, 19.8691, 2.8049** is the 20% darker color. If you saturate the color by 10%, you get **41.4515, 42.5976, 6.0374**, and if you desaturate by 10%, it is **42.7411, 44.8374, 7.5140**.

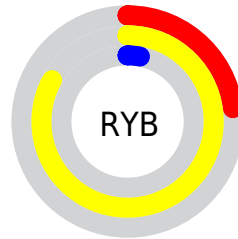
Distribution



Red (83%)

Green (67%)

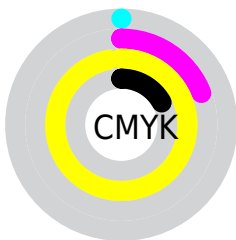
Blue (3%)



Red (23%)

Yellow (83%)

Blue (3%)

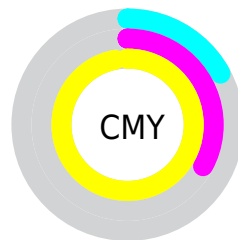


Cyan (0%)

Magenta (19%)

Yellow (97%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7526, 43.1382, 6.3269 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 41.7526, 43.1382, 6.3269 by changing the saturation by 10% instead.

41.7526, 43.1382,
6.3269

41.7526, 43.1382,
6.3269

344.4654,
359.1798, 171.3603

29.0979, 29.9936,
2.9729

77.0926, 79.9194,
19.0950

19.2995, 19.8337,
1.0808

100.5085,
104.3247, 29.3461

11.9922, 12.2742,
0.0000

128.2423,
133.2524, 42.7334

6.8105, 6.9307,
0.0000

160.6592,
167.0868, 59.6753

3.3892, 3.4188,
0.0000

198.1246,
206.2123, 80.5904

1.3627, 1.3541,
0.0000

241.0039,

0.2294, 0.1825,

251.0134, 105.8972

0.0000

289.6624,
301.8745, 136.0144

■ 0.0000, 0.0000,
0.0000

■ 41.7526, 43.1382,
6.3269

■ 41.7526, 43.1382,
6.3269

■ 41.4515, 42.5976,
6.0374

■ 42.7411, 44.8374,
7.5140

■ 43.9318, 46.6572,
9.6423

■ 45.3595, 48.6137,
12.8895

■ 47.0504, 50.7176,
17.3927

■ 49.0271, 52.9785,
23.2693

■ 51.3094, 55.4045,
30.6230

■ 53.9154, 58.0032,
39.5477

■ 56.8615, 60.7817,
50.1294

■ 60.1632, 63.7464,
62.4478

Harmonies

Analogous

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



54.9809, 43.1382, 9.4275



41.7526, 43.1382, 6.3269



30.6718, 43.1382, 8.7134

Triad

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



41.7526, 43.1382, 6.3269



23.2860, 43.1382, 87.5234



64.9642, 43.1382, 93.2513

Complementary

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



41.7526, 43.1382, 6.3269



13.0287, 6.9134, 62.9345

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.



53.4236, 43.1382, 137.2570



41.7526, 43.1382, 6.3269



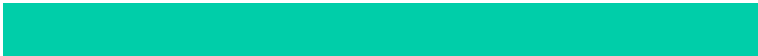
29.6187, 43.1382, 132.9334

Square

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



41.7526, 43.1382, 6.3269



21.3925, 43.1382, 44.8645



40.2596, 43.1382, 154.5589



69.9608, 43.1382, 49.1407

Rectangle

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



41.7526, 43.1382, 6.3269



25.5872, 43.1382, 14.4514



40.2596, 43.1382, 154.5589



61.6199, 43.1382, 109.2396

Sweetspot

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



41.7536, 43.1403, 6.3277



80.8079, 87.0429, 56.2849



27.7610, 14.3627, 4.1068



16.9300, 18.2660, 10.7917



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.



41.7536, 43.1403, 6.3277



62.8339, 64.4477, 9.1280



36.2524, 53.6339, 8.6431



13.2521, 14.0784, 13.1796



25.6626, 26.4424, 3.7513



1.6027, 1.7045, 0.2445

Inverse Universe

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



13.0287, 6.9134, 62.9345



19.2336, 9.5873, 95.4445



14.3794, 6.1531, 62.7165



11.9417, 12.4069, 15.7029



7.9132, 4.0882, 38.8252



0.5366, 0.3652, 2.3615

Previews

White Background



This preview shows how the XYZ color 41.7526, 43.1382, 6.3269 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 41.7526, 43.1382, 6.3269 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 41.7526, 43.1382, 6.3269

Background



This preview shows how black text looks on a background with the XYZ color 41.7526, 43.1382, 6.3269.



This preview shows how white text looks on a background with the XYZ color 41.7526, 43.1382,

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

41.7526, 43.1382, 6.3269

Protanopia

38.8744, 43.0806, 6.5831

Deuteranopia

44.0364, 43.2044, 6.5085



Tritanopia

49.5676, 43.1087, 44.2364

Trichromacy



Original Color

41.7526, 43.1382, 6.3269

Protanomaly

39.8194, 42.9905, 6.4865

Deuteranomaly

42.9887, 42.9397, 6.4032

Tritanomaly

44.8799, 42.2475, 20.8281

Monochromacy



Original Color

41.7526, 43.1382, 6.3269

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8169, 38.6652, 19.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7526, 43.1382, 6.3269 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(212, 171, 7)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 7)  
}
```

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(212, 171, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 7) }
```

Border

The CSS property to change the border of an element to XYZ 41.7526, 43.1382, 6.3269 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(212, 171, 7) }
```


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

```
.border{ border-color:rgb(212, 171, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 7);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7526, 43.1382, 6.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 7) }
```

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

```
.background{ background-color: rgb(212,  
171, 7) }
```

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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