

Converting Colors

XYZ(41.8526, 43.7595, 10.5997)

Have a look what the booklet for
XYZ(41.8526, 43.7595, 10.5997)
contains.

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Color

**XYZ(41.7983, 43.6340,
10.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AD3D
RGB	208, 173, 61
RGB Percent	82%, 68%, 24%
CMY	0.1843, 0.3215, 0.7608
CMYK	0.00, 0.17, 0.71, 0.18
HSL	46°, 61%, 53%
HSV	46°, 71%, 82%
XYZ	41.7983, 43.6340, 10.6341
YIQ	170.6970, 56.8120, -27.4120

Conversions

Conversions Part 2

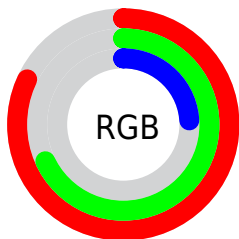
Format	Color
RYB	107, 208, 61
Decimal	13675837
CIELab	71.98, 0.99, 59.59
CIELCh	72, 59.600, 89.049
Yxy	43.6340, 0.4351, 0.4542
Android (android.graphics.Color)	4291865917 (0xFFD0AD3D)
YUV	170.6970, -54.0806, 32.7147
Hunter-Lab	66.0560, -2.6486, 36.6944

Details

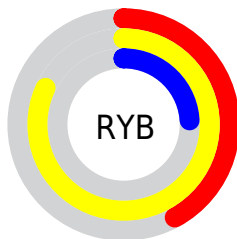
The XYZ color **41.7983, 43.6340, 10.6341** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **17.4924, 13.9115, 61.4373**, and the grayscale version is **38.8004, 40.8211, 44.4542**.

A 20% lighter version of the original color is **72.0779, 77.9846, 27.4733**, and **19.4150, 20.1588, 2.8677** is the 20% darker color. If you saturate the color by 10%, you get **40.4113, 41.5897, 7.9234**, and if you desaturate by 10%, it is **43.4397, 45.8398, 14.5020**.

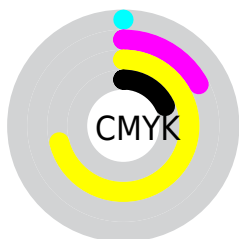
Distribution



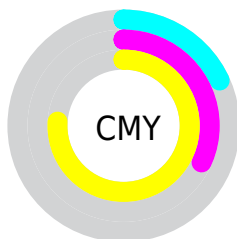
- Red (82%)
- Green (68%)
- Blue (24%)



- Red (42%)
- Yellow (82%)
- Blue (24%)



- Cyan (0%)
- Magenta (17%)
- Yellow (71%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7983, 43.6340, 10.6341 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 41.7983, 43.6340, 10.6341 by changing the saturation by 10% instead.

■ 41.7983, 43.6340,
10.6341

■ 41.7983, 43.6340,
10.6341

344.6520,
361.2126, 205.7863

■ 29.1338, 30.3829,
5.7103

■ 77.1614, 80.6667,
27.6078

■ 19.3269, 20.1294,
2.6038

■ 100.5906,
105.2171, 40.4947

■ 12.0121, 12.4891,
0.8944

■ 128.3389,
134.3027, 56.8732

■ 6.8242, 7.0777,
0.0000

■ 160.7714,
168.3079, 77.1616

■ 3.3977, 3.5108,
0.0000

■ 198.2537,
207.6171, 101.7786

■ 1.3674, 1.4038,
0.0000

241.1509,

■ 0.2328, 0.2196,

252.6147, 131.1427

0.0000

289.8286,
303.6851, 165.6724

■ 0.0000, 0.0000,
0.0000

■ 41.7983, 43.6340,
10.6341

■ 41.7983, 43.6340,
10.6341

■ 40.4113, 41.5897,
7.9234

■ 43.4397, 45.8398,
14.5020

■ 39.2487, 39.6890,
6.2265

■ 45.3553, 48.2106,
19.6430

■ 38.3217, 38.0287,
5.3205

■ 47.5661, 50.7569,
26.1617

■ 50.0903, 53.4866,
34.1511

■ 52.9442, 56.4068,
43.6961

■ 56.1430, 59.5242,
54.8751

■ 59.7010, 62.8449,
67.7612

■ 63.6315, 66.3750,
82.4231

■ 67.9471, 70.1199,
98.9256

Harmonies

Analogous

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



52.3639, 43.6340, 13.8495



41.7983, 43.6340, 10.6341



32.6848, 43.6340, 13.4447

Triad

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



41.7983, 43.6340, 10.6341



26.6202, 43.6340, 80.2173



60.6033, 43.6340, 82.5224

Complementary

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



41.7983, 43.6340, 10.6341



17.4924, 13.9115, 61.4373

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.



51.7098, 43.6340, 115.2040



41.7983, 43.6340, 10.6341



32.2074, 43.6340, 113.5340

Square

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



41.7983, 43.6340, 10.6341



24.8335, 43.6340, 46.5863



41.1490, 43.6340, 128.3767



64.2562, 43.6340, 48.4458

Rectangle

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



41.7983, 43.6340, 10.6341



28.3885, 43.6340, 19.4474



41.1490, 43.6340, 128.3767



58.0629, 43.6340, 94.4751

Sweetspot

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



41.7993, 43.6361, 10.6350



83.6628, 89.1526, 68.3350



29.8741, 17.6249, 13.3215



17.6270, 18.7999, 13.6757



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.



41.7993, 43.6361, 10.6350



63.0446, 64.3030, 10.9439



40.2473, 54.1344, 12.7431



12.5550, 13.3007, 12.5176



23.9622, 23.8575, 3.3420



1.3988, 1.4518, 0.2065

Inverse Universe

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



17.4924, 13.9115, 61.4373



22.5020, 14.9237, 96.3023



18.0644, 10.4749, 60.7438



11.3889, 11.8681, 14.9342



7.8569, 4.3603, 37.6200



0.5022, 0.3695, 2.1244

Previews

White Background



This preview shows how the XYZ color 41.7983, 43.6340, 10.6341 looks on a white background.

Color Contrast Check

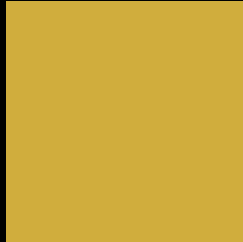
Large Text (above 18pt) WCAG AA × Fail

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 41.7983, 43.6340, 10.6341 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 41.7983, 43.6340, 10.6341

Background



This preview shows how black text looks on a background with the XYZ color 41.7983, 43.6340, 10.6341.

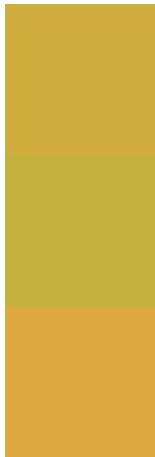


This preview shows how white text looks on a background with the XYZ color 41.7983, 43.6340,

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

41.7983, 43.6340, 10.6341

Protanopia

39.6176, 43.6624, 10.8970

Deuteranopia

44.7186, 43.7363, 10.7876



Tritanopia

49.1756, 43.6484, 45.8775

Trichromacy



Original Color

41.7983, 43.6340, 10.6341

Protanomaly

40.4822, 43.8160, 10.8811

Deuteranomaly

43.5631, 43.6962, 10.6956

Tritanomaly

45.6014, 43.2620, 28.1373

Monochromacy



Original Color

41.7983, 43.6340, 10.6341

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6164, 41.3341, 27.4157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7983, 43.6340, 10.6341 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(208, 173, 61)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 61)  
}
```

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(208, 173, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 61) }
```

Border

The CSS property to change the border of an element to XYZ 41.7983, 43.6340, 10.6341 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(208, 173, 61) }
```


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

```
.border{ border-color:rgb(208, 173, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 173, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 173, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 173, 61);  
box-shadow:4px 4px 4px 4px rgb(208, 173,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7983, 43.6340, 10.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 173, 61) }
```

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

```
.background{ background-color: rgb(208,  
173, 61) }
```

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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