

Converting Colors

XYZ(41.1454, 44.9078, 23.7459)

Have a look what the booklet for
XYZ(41.1454, 44.9078, 23.7459)
contains.

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Color

**XYZ(41.1283, 44.7547,
23.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B376
RGB	192, 179, 118
RGB Percent	75%, 70%, 46%
CMY	0.2471, 0.2980, 0.5372
CMYK	0.00, 0.07, 0.39, 0.25
HSL	49°, 37%, 61%
HSV	49°, 39%, 75%
XYZ	41.1283, 44.7547, 23.6104
YIQ	175.9330, 27.3290, -16.2150

Conversions

Conversions Part 2

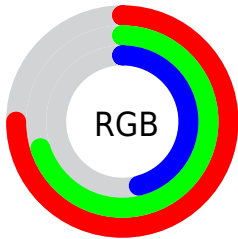
Format	Color
RYB	134, 192, 118
Decimal	12628854
CIELab	72.73, -4.27, 32.83
CIELCh	73, 33.104, 97.415
Yxy	44.7547, 0.3756, 0.4087
Android (android.graphics.Color)	4290818934 (0xFFC0B376)
YUV	175.9330, -28.5610, 14.0908
Hunter-Lab	66.8990, -7.3345, 25.9043

Details

The XYZ color **41.1283, 44.7547, 23.6104** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.1017, 23.8891, 53.1570**, and the grayscale version is **41.3671, 43.5214, 47.3948**.

A 20% lighter version of the original color is **76.1259, 82.4967, 50.4393**, and **18.8208, 20.6574, 8.4642** is the 20% darker color. If you saturate the color by 10%, you get **39.4344, 43.0106, 17.9783**, and if you desaturate by 10%, it is **43.0732, 46.6288, 30.4730**.

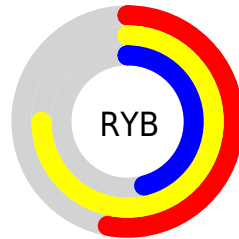
Distribution



Red (75%)

Green (70%)

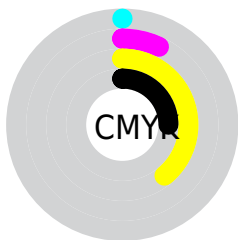
Blue (46%)



Red (53%)

Yellow (75%)

Blue (46%)

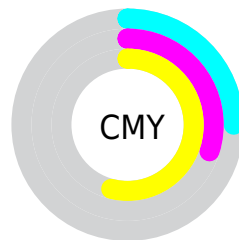


Cyan (0%)

Magenta (7%)

Yellow (39%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1283, 44.7547, 23.6104 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 41.1283, 44.7547, 23.6104 by changing the saturation by 10% instead.

■ 41.1283, 44.7547,
23.6104

■ 41.1283, 44.7547,
23.6104

341.9100,
365.7792, 284.0677

■ 28.6075, 31.2643,
14.8353

■ 76.1521, 82.3522,
50.3295

■ 18.9269, 20.8002,
8.5586

■ 99.3858, 107.2280,
69.1107

■ 11.7211, 12.9780,
4.3615

■ 126.9211,
136.6678, 92.0642

■ 6.6249, 7.4134,
1.8257

159.1234,
171.0559, 119.6088

■ 3.2729, 3.7220,
0.4448

196.3581,
210.7766, 152.1629

■ 1.2997, 1.5193,
0.0000

238.9906,

■ 0.1830, 0.3022,

256.2145, 190.1450

0.0000

287.3861,
307.7539, 233.9738

■ 0.0000, 0.0000,
0.0000

■ 41.1283, 44.7547,
23.6104

■ 41.1283, 44.7547,
23.6104

■ 39.4344, 43.0106,
17.9783

■ 43.0732, 46.6288,
30.4730

■ 37.9739, 41.3846,
13.4991

■ 45.2789, 48.6323,
38.6317

■ 36.7320, 39.8721,
10.0910

■ 47.7587, 50.7722,
48.1509

■ 35.6908, 38.4657,
7.6599

■ 50.5239, 53.0532,
59.0898

■ 34.8292, 37.1568,
6.0955

■ 53.5851, 55.4798,
71.5040

■ 34.1130, 35.9316,
5.2180

■ 56.9525, 58.0562,
85.4463

■ 34.0134, 35.7569,
5.1091

■ 60.6357, 60.7865,
100.9667

■ 61.8542, 62.5586,
103.4227

■ 62.6746, 64.1992,
103.6961

Harmonies

Analogous

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



46.9227, 44.7547, 24.9690



41.1283, 44.7547, 23.6104



36.1735, 44.7547, 27.6756

Triad

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



41.1283, 44.7547, 23.6104



34.3542, 44.7547, 70.5887



53.5735, 44.7547, 61.9170

Complementary

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



41.1283, 44.7547, 23.6104



25.1017, 23.8891, 53.1570

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.



49.6084, 44.7547, 78.4216



41.1283, 44.7547, 23.6104



38.4353, 44.7547, 84.1630

Square

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



41.1283, 44.7547, 23.6104



32.4979, 44.7547, 52.9281



43.9795, 44.7547, 87.3128



54.4585, 44.7547, 44.7605

Rectangle

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



41.1283, 44.7547, 23.6104



33.8932, 44.7547, 33.6020



43.9795, 44.7547, 87.3128



52.5404, 44.7547, 67.8293

Sweetspot

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



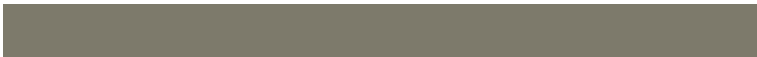
41.1294, 44.7568, 23.6113



84.8369, 90.5517, 80.6559



32.3522, 25.8179, 24.9534



18.0727, 19.3165, 16.8122



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1294, 44.7568, 23.6113



71.9750, 78.4875, 34.2579



38.3891, 47.3944, 24.2649



10.7581, 11.4477, 10.7045



22.9384, 24.1626, 3.4549



1.0315, 1.1248, 0.1627

Inverse Universe

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



25.1017, 23.8891, 53.1570



38.9661, 35.5291, 95.1644



27.0516, 22.4640, 52.7792



9.6682, 10.0276, 12.7108



6.8225, 3.4014, 33.8536



0.3398, 0.2370, 1.4777

Previews

White Background



This preview shows how the XYZ color 41.1283, 44.7547, 23.6104 looks on a white background.

Color Contrast Check

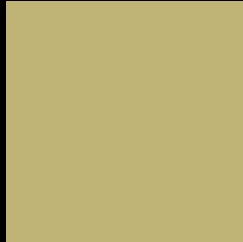
Large Text (above 18pt) WCAG AA × Fail

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 41.1283, 44.7547, 23.6104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

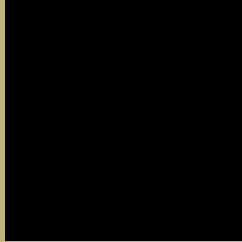
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1283, 44.7547, 23.6104

Background



This preview shows how black text looks on a background with the XYZ color 41.1283, 44.7547, 23.6104.

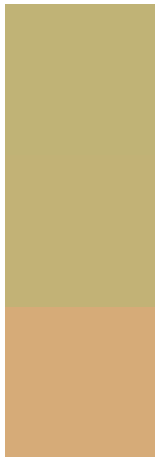


This preview shows how white text looks on a background with the XYZ color 41.1283, 44.7547,

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

41.1283, 44.7547, 23.6104

Protanopia

41.4385, 44.6181, 23.5677

Deuteranopia

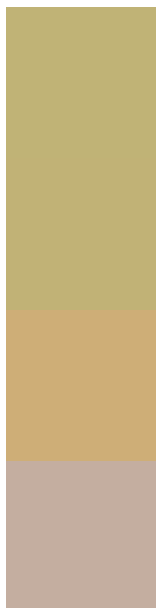
45.6846, 44.7780, 24.0045



Tritanopia

46.7678, 44.7286, 51.5160

Trichromacy



Original Color

41.1283, 44.7547, 23.6104

Protanomaly

41.1827, 44.4863, 23.5557

Deuteranomaly

43.9194, 44.7258, 23.7709

Tritanomaly

44.2462, 44.5459, 39.5239

Monochromacy



Original Color

41.1283, 44.7547, 23.6104

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9299, 43.7559, 37.2988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1283, 44.7547, 23.6104 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(192, 179, 118)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 118)  
}
```

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(192, 179, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 118) }
```

Border

The CSS property to change the border of an element to XYZ 41.1283, 44.7547, 23.6104 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(192, 179, 118) }
```


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

```
.border{ border-color:rgb(192, 179, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 118);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1283, 44.7547, 23.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 118) }
```

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

```
.background{ background-color: rgb(192,  
179, 118) }
```

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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