

# Converting Colors

XYZ(43.7399, 47.6000, 41.4891)

Have a look what the booklet for  
XYZ(43.7399, 47.6000, 41.4891)  
contains.

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# Color

**XYZ(43.7270, 47.5326,  
41.5204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B9A3
RGB	184, 185, 163
RGB Percent	72%, 73%, 64%
CMY	0.2784, 0.2745, 0.3608
CMYK	0.01, 0.00, 0.12, 0.27
HSL	63°, 14%, 68%
HSV	63°, 12%, 73%
XYZ	43.7270, 47.5326, 41.5204
YIQ	182.1930, 6.4660, -7.0540

# Conversions

## Conversions Part 2

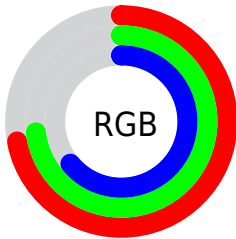
Format	Color
<a href="#">RYB</a>	<a href="#">163, 185, 164</a>
Decimal	<a href="#">12106147</a>
CIELab	<a href="#">74.53, -4.22, 11.05</a>
CIELCh	<a href="#">75, 11.832, 110.915</a>
Yxy	<a href="#">47.5326, 0.3293, 0.3580</a>
Android (android.graphics.Color)	<a href="#">4290296227 (0xFFB8B9A3)</a>
YUV	<a href="#">182.1930, -9.4621, 1.5847</a>
Hunter-Lab	<a href="#">68.9439, -7.4399, 12.5542</a>

# Details

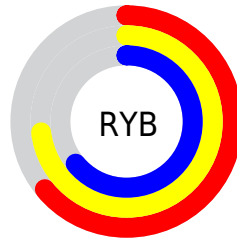
The XYZ color **43.7270, 47.5326, 41.5204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.1658, 37.5910, 51.1984**, and the grayscale version is **44.6171, 46.9407, 51.1184**.

A 20% lighter version of the original color is **80.0454, 86.4978, 78.8066**, and **20.4806, 22.4755, 18.2977** is the 20% darker color. If you saturate the color by 10%, you get **41.9882, 46.8153, 33.4100**, and if you desaturate by 10%, it is **45.7122, 48.3517, 50.9101**.

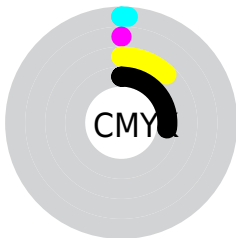
# Distribution



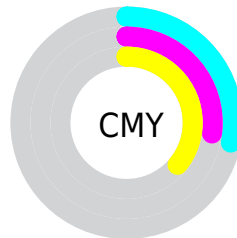
- Red (72%)
- Green (73%)
- Blue (64%)



- Red (64%)
- Yellow (73%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7270, 47.5326, 41.5204 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 43.7270, 47.5326, 41.5204 by changing the saturation by 10% instead.



■ 43.7270, 47.5326,  
41.5204

■ 43.7270, 47.5326,  
41.5204

352.4641,  
376.9365, 368.2318

■ 30.6529, 33.4569,  
28.4032

■ 80.0557, 86.5081,  
78.7355

■ 20.4852, 22.4767,  
18.3881

■ 104.0410,  
112.1767, 103.6704

■ 12.8586, 14.2076,  
11.0567

132.3941,  
142.4783, 133.3817

■ 7.4075, 8.2652,  
5.9903

165.4804,  
177.7974, 168.2878

■ 3.7668, 4.2651,  
2.7705

203.6652,  
218.5184, 208.8074

■ 1.5711, 1.8229,  
0.9787

247.3138,

■ 0.3735, 0.5014,

265.0256, 255.3588

0.0000

296.7917,  
317.7035, 308.3608

■ 0.0000, 0.0000,  
0.0000

■ 43.7270, 47.5326,  
41.5204

■ 43.7270, 47.5326,  
41.5204

■ 41.9882, 46.8153,  
33.4100

■ 45.7122, 48.3517,  
50.9101

■ 40.4813, 46.1895,  
26.5207

■ 47.9497, 49.2702,  
61.6279

■ 39.1964, 45.6525,  
20.7942

■ 50.4501, 50.2941,  
73.7239


■ 38.1214, 45.1996,  
16.1663


■ 53.2222, 51.4268,  
87.2446


■ 37.2428, 44.8254,  
12.5666


■ 56.1933, 52.6392,  
101.8064


 36.5457, 44.5240,  
9.9165


 56.4021, 52.7469,  
101.8162


 36.0130, 44.2885,  
8.1262

 56.6122, 52.8552,  
101.8260

 35.6245, 44.1108,  
7.0885

 56.8235, 52.9641,  
101.8359

 35.3826, 43.9960,  
6.6272

 57.0360, 53.0736,  
101.8459

# Harmonies

## Analogous

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



45.8304, 47.5326, 40.9807



43.7270, 47.5326, 41.5204



42.0627, 47.5326, 44.6831

# Triad

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



43.7270, 47.5326, 41.5204



42.6364, 47.5326, 61.4393



49.3593, 47.5326, 53.6358

# Complementary

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



43.7270, 47.5326, 41.5204



37.1658, 37.5910, 51.1984

# 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.



48.4441, 47.5326, 59.5361



43.7270, 47.5326, 41.5204



44.5325, 47.5326, 64.2692

# Square

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



43.7270, 47.5326, 41.5204



41.4470, 47.5326, 56.0714



46.6614, 47.5326, 63.5466



49.1271, 47.5326, 47.6658



# Rectangle

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



43.7270, 47.5326, 41.5204



41.4046, 47.5326, 48.0010



46.6614, 47.5326, 63.5466



49.1746, 47.5326, 55.6996

# Sweetspot

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



43.7283, 47.5347, 41.5214



81.0559, 86.2596, 87.3231



39.8477, 39.4154, 40.1588



17.4147, 18.5714, 18.5439



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988



# Same Dimension

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



43.7283, 47.5347, 41.5214



77.5464, 84.8133, 70.7665



41.2542, 46.2592, 41.4056



9.7086, 10.4819, 9.6184



24.1082, 29.9646, 4.5131



0.8624, 1.0628, 0.1597



# Inverse Universe

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



37.1658, 37.5910, 51.1984



63.7096, 63.8470, 91.1704



39.4750, 38.7814, 51.3065



8.5580, 8.7385, 11.3151



6.0515, 2.4309, 31.4033



0.2262, 0.0923, 1.1076



# Previews

## White Background



This preview shows how the XYZ color 43.7270, 47.5326, 41.5204 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

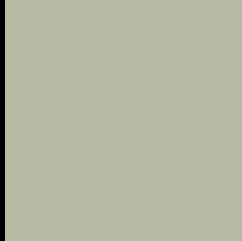
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.7270, 47.5326, 41.5204 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

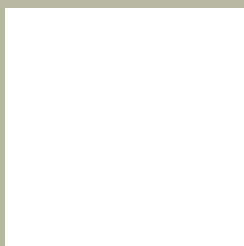
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 43.7270, 47.5326, 41.5204**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.7270, 47.5326, 41.5204.



This preview shows how white text looks on a background with the XYZ color 43.7270, 47.5326,



# 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

43.7270, 47.5326, 41.5204

### Protanopia

44.9409, 47.5520, 40.9922

### Deuteranopia

48.5261, 47.5708, 42.2218



## Tritanopia

47.1579, 47.4015, 58.2937

# Trichromacy



## Original Color

43.7270, 47.5326, 41.5204

## Protanomaly

44.4011, 47.5810, 41.0263

## Deuteranomaly

46.5753, 47.4650, 41.8288

## Tritanomaly

45.7687, 47.4396, 51.5442

# Monochromacy



## Original Color

43.7270, 47.5326, 41.5204

## Achromatopsia

44.4628, 46.7784, 50.9417

## Achromatomaly

44.1998, 47.0294, 47.3054

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.7270, 47.5326, 41.5204 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(184, 185, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 163)  
}
```

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(184, 185, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 163) }
```

## Border

The CSS property to change the border of an element to XYZ 43.7270, 47.5326, 41.5204 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(184, 185, 163) }
```



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

```
.border{ border-color:rgb(184, 185, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
163) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.7270, 47.5326, 41.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 163) }
```

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

```
.background{ background-color: rgb(184,  
185, 163) }
```

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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