

Converting Colors

XYZ(43.7646, 47.0815, 34.7980)

Have a look what the booklet for
XYZ(43.7646, 47.0815, 34.7980)
contains.

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Color

**XYZ(43.7646, 47.0815,
34.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB794
RGB	191, 183, 148
RGB Percent	75%, 72%, 58%
CMY	0.2510, 0.2823, 0.4196
CMYK	0.00, 0.04, 0.23, 0.25
HSL	49°, 25%, 66%
HSV	49°, 23%, 75%
XYZ	43.7646, 47.0815, 34.7980
YIQ	181.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

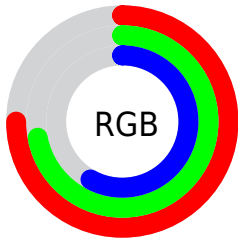
Format	Color
RYB	158, 191, 148
Decimal	12564372
CIELab	74.24, -2.88, 18.85
CIELCh	74, 19.068, 98.672
Yxy	47.0815, 0.3483, 0.3747
Android (android.graphics.Color)	4290754452 (0xFFBFB794)
YUV	181.4020, -16.4672, 8.4174
Hunter-Lab	68.6160, -6.2271, 17.9628

Details

The XYZ color **43.7646, 47.0815, 34.7980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5049, 33.8335, 54.0549**, and the grayscale version is **44.2200, 46.5229, 50.6634**.

A 20% lighter version of the original color is **80.2386, 85.9537, 68.2388**, and **20.4568, 22.1467, 14.5058** is the 20% darker color. If you saturate the color by 10%, you get **41.6530, 45.0811, 27.2408**, and if you desaturate by 10%, it is **46.1467, 49.2229, 43.6773**.

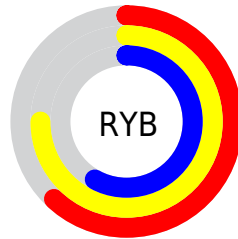
Distribution



Red (75%)

Green (72%)

Blue (58%)



Red (62%)

Yellow (75%)

Blue (58%)

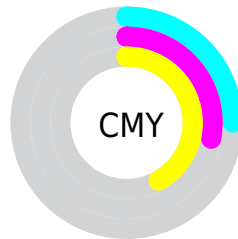


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7646, 47.0815, 34.7980 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 43.7646, 47.0815, 34.7980 by changing the saturation by 10% instead.


 43.7646, 47.0815,
34.7980


 43.7646, 47.0815,
34.7980


352.6153,
375.1398, 338.5529

 30.6826, 33.1001,
23.2250


 80.1120, 85.8353,
68.3207

 20.5079, 22.2031,
14.5529


 104.1080,
111.3764, 91.1076

 12.8752, 14.0062,
8.3631

132.4728,
141.5396, 118.4694

 7.4191, 8.1250,
4.2371

165.5717,
176.7092, 150.8248

 3.7742, 4.1750,
1.7563

203.7700,
217.2696, 188.5923

 1.5752, 1.7720,
0.3989

247.4332,

 0.3762, 0.4696,

263.6052, 232.1905

0.0000

296.9265,
316.1005, 282.0379

■ 0.0000, 0.0000,
0.0000

■ 43.7646, 47.0815,
34.7980

■ 43.7646, 47.0815,
34.7980

■ 41.6530, 45.0811,
27.2408

■ 46.1467, 49.2229,
43.6773

■ 39.7957, 43.2102,
20.9382

■ 48.8071, 51.5038,
53.9357

■ 38.1807, 41.4654,
15.8215

■ 51.7578, 53.9308,
65.6305

■ 36.7933, 39.8404,
11.8137

■ 55.0091, 56.5083,
78.8149

■ 35.6170, 38.3287,
8.8293

■ 58.5706, 59.2402,
93.5393

■ 34.6330, 36.9224,
6.7699

■ 61.2033, 61.6313,
103.2780

■ 33.8189, 35.6122,
5.5177

■ 62.0588, 63.3423,
103.5632

■ 33.2883, 34.6812,
4.9397

■ 62.9337, 65.0920,
103.8548

■ 63.8281, 66.8808,
104.1529

Harmonies

Analogous

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



47.1860, 47.0815, 35.6352



43.7646, 47.0815, 34.7980



40.7620, 47.0815, 37.9120

Triad

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



43.7646, 47.0815, 34.7980



39.8057, 47.0815, 63.9656



51.1640, 47.0815, 58.4287

Complementary

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



43.7646, 47.0815, 34.7980



33.5049, 33.8335, 54.0549

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.



48.9890, 47.0815, 67.4313



43.7646, 47.0815, 34.7980



42.3985, 47.0815, 70.9008

Square

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



43.7646, 47.0815, 34.7980



38.5540, 47.0815, 54.1584



45.7492, 47.0815, 72.2440



51.5756, 47.0815, 48.4742

Rectangle

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



43.7646, 47.0815, 34.7980



39.3602, 47.0815, 42.0755



45.7492, 47.0815, 72.2440



50.6097, 47.0815, 61.7008

Sweetspot

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



43.7658, 47.0836, 34.7990



85.1592, 90.3330, 87.8367



38.1278, 34.6774, 36.4040



18.6363, 19.7816, 19.0418



92.9021, 97.7402, 106.4391



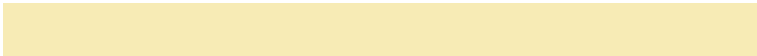
19.4759, 20.4902, 22.3138

Same Dimension

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



43.7658, 47.0836, 34.7990



76.4662, 82.5341, 55.3832



42.3594, 48.8767, 35.2192



10.1673, 10.8107, 10.1274



21.9315, 22.9017, 3.2646



0.8988, 0.9766, 0.1411

Inverse Universe

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



33.5049, 33.8335, 54.0549



54.8632, 54.6408, 95.9343



34.6722, 32.5087, 53.7376



9.1562, 9.5047, 12.0242



6.6293, 3.3704, 32.6940



0.3038, 0.2203, 1.2954

Previews

White Background



This preview shows how the XYZ color 43.7646, 47.0815, 34.7980 looks on a white background.

Color Contrast Check

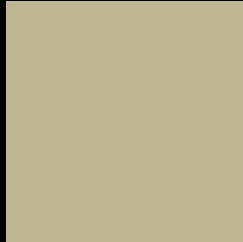
Large Text (above 18pt) WCAG AA × Fail

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 43.7646, 47.0815, 34.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

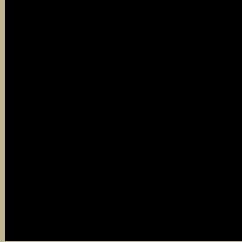
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

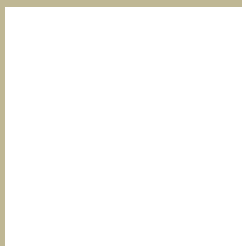
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7646, 47.0815, 34.7980

Background



This preview shows how black text looks on a background with the XYZ color 43.7646, 47.0815, 34.7980.



This preview shows how white text looks on a background with the XYZ color 43.7646, 47.0815,

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

43.7646, 47.0815, 34.7980

Protanopia

44.3214, 47.0633, 34.7651

Deuteranopia

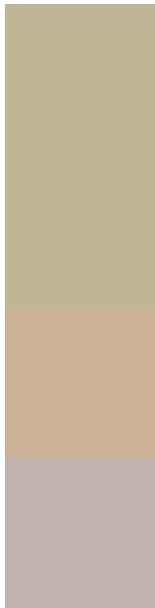
47.9864, 46.8590, 35.3697



Tritanopia

47.8911, 46.9416, 55.8267

Trichromacy



Original Color

43.7646, 47.0815, 34.7980

Protanomaly

44.0656, 46.9315, 34.7531

Deuteranomaly

46.2470, 46.8481, 35.0389

Tritanomaly

46.1061, 46.8047, 47.1616

Monochromacy



Original Color

43.7646, 47.0815, 34.7980

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.8970, 46.6348, 44.2239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7646, 47.0815, 34.7980 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(191, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 148)  
}
```

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(191, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 148) }
```

Border

The CSS property to change the border of an element to XYZ 43.7646, 47.0815, 34.7980 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(191, 183, 148) }
```


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

```
.border{ border-color:rgb(191, 183, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 148);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7646, 47.0815, 34.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 148) }
```

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

```
.background{ background-color: rgb(191,  
183, 148) }
```

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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