

Converting Colors

XYZ(42.2614, 44.1694, 36.4351)

Have a look what the booklet for
XYZ(42.2614, 44.1694, 36.4351)
contains.

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Color

**XYZ(42.2614, 44.1694,
36.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB099
RGB	189, 176, 153
RGB Percent	74%, 69%, 60%
CMY	0.2588, 0.3098, 0.4000
CMYK	0.00, 0.07, 0.19, 0.26
HSL	38°, 21%, 67%
HSV	38°, 19%, 74%
XYZ	42.2614, 44.1694, 36.4351
YIQ	177.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

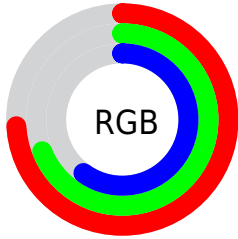
Format	Color
RYB	173, 189, 153
Decimal	12431513
CIELab	72.34, 0.84, 13.46
CIELCh	72, 13.488, 86.413
Yxy	44.1694, 0.3440, 0.3595
Android (android.graphics.Color)	4290621593 (0xFFBDB099)
YUV	177.2650, -11.9626, 10.2916
Hunter-Lab	66.4601, -2.7984, 14.0178

Details

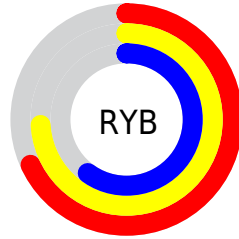
The XYZ color **42.2614, 44.1694, 36.4351** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9582, 37.7181, 53.5296**, and the grayscale version is **41.9856, 44.1721, 48.1034**.

A 20% lighter version of the original color is **77.7753, 81.6307, 70.6886**, and **19.5976, 20.5255, 15.4993** is the 20% darker color. If you saturate the color by 10%, you get **39.5184, 40.9865, 28.4197**, and if you desaturate by 10%, it is **45.3213, 47.5896, 45.7771**.

Distribution



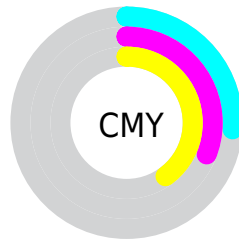
- Red (74%)
- Green (69%)
- Blue (60%)



- Red (68%)
- Yellow (74%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2614, 44.1694, 36.4351 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 42.2614, 44.1694, 36.4351 by changing the saturation by 10% instead.

■ 42.2614, 44.1694,
36.4351

■ 42.2614, 44.1694,
36.4351

346.5386,
363.3991, 345.9531

■ 29.4980, 30.8037,
24.4781

■ 77.8578, 81.4726,
70.8797

■ 19.6041, 20.4494,
15.4732

■ 101.4215,
106.1789, 94.2043

■ 12.2142, 12.7222,
9.0018

129.3160,
135.4341, 122.1553

■ 6.9629, 7.2375,
4.6455

161.9068,
169.6228, 155.1510

■ 3.4851, 3.6111,
1.9858

199.5590,
209.1292, 193.6101

■ 1.4152, 1.4585,
0.5465

242.6382,

■ 0.2670, 0.2592,

254.3378, 237.9511

0.0000

291.5096,
305.6330, 288.5926

0.0000, 0.0000,
0.0000

42.2614, 44.1694,
36.4351

42.2614, 44.1694,
36.4351

39.5184, 40.9865,
28.4197

45.3213, 47.5896,
45.7771

37.0761, 38.0285,
21.6666

48.7065, 51.2476,
56.5004

34.9223, 35.2904,
16.1103

52.4291, 55.1512,
68.6599

33.0422, 32.7645,
11.6783

56.4998, 59.3061,
82.3068

31.4195, 30.4427,
8.2902

60.9287, 63.7178,
97.4896

■ 30.0359, 28.3159,
5.8545

■ 63.8346, 67.6352,
104.2982

■ 28.8700, 26.3739,
4.2641

■ 65.6292, 71.2245,
104.8964

■ 27.8849, 24.6000,
3.3303

■ 67.4975, 74.9610,
105.5192

■ 27.7959, 24.4379,
3.2520

■ 69.4401, 78.8462,
106.1667

Harmonies

Analogous

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



44.4983, 44.1694, 38.2152



42.2614, 44.1694, 36.4351



40.0282, 44.1694, 37.5336

Triad

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



42.2614, 44.1694, 36.4351



38.1116, 44.1694, 54.0034



45.8089, 44.1694, 55.5129

Complementary

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



42.2614, 44.1694, 36.4351



35.9582, 37.7181, 53.5296

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.



43.9977, 44.1694, 60.4674



42.2614, 44.1694, 36.4351



39.5618, 44.1694, 59.5411

Square

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



42.2614, 44.1694, 36.4351



37.6847, 44.1694, 47.2981



41.7032, 44.1694, 62.0049



46.5935, 44.1694, 48.8967

Rectangle

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



42.2614, 44.1694, 36.4351



38.8325, 44.1694, 39.8109



41.7032, 44.1694, 62.0049



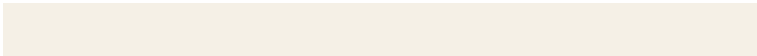
45.2967, 44.1694, 57.4507

Sweetspot

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



42.2626, 44.1714, 36.4360



82.8975, 87.1207, 87.3922



39.2793, 36.3624, 41.1216



17.7439, 18.6447, 18.5331



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.2626, 44.1714, 36.4360



73.5003, 76.5952, 58.7682



43.7629, 48.9106, 37.2717



10.0247, 10.5253, 10.0799



18.7763, 16.5914, 2.2128



0.7954, 0.7698, 0.1067

Inverse Universe

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



35.9582, 37.7181, 53.5296



60.0692, 62.8485, 95.1912



34.6383, 33.7060, 52.8248



9.2909, 9.7741, 12.0691



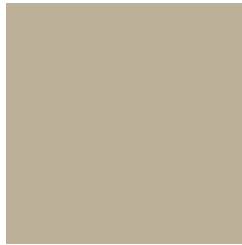
7.6470, 5.4058, 33.0333



0.3623, 0.3373, 1.3149

Previews

White Background



This preview shows how the XYZ color 42.2614, 44.1694, 36.4351 looks on a white background.

Color Contrast Check

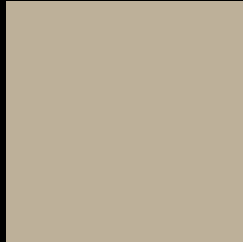
Large Text (above 18pt) WCAG AA × Fail

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 42.2614, 44.1694, 36.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

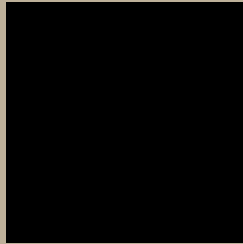
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2614, 44.1694, 36.4351

Background



This preview shows how black text looks on a background with the XYZ color 42.2614, 44.1694, 36.4351.



This preview shows how white text looks on a background with the XYZ color 42.2614, 44.1694,

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

42.2614, 44.1694, 36.4351

Protanopia

41.7216, 44.1833, 36.4663

Deuteranopia

45.0242, 44.1554, 36.7217



Tritanopia

45.3122, 43.9661, 51.9970

Trichromacy



Original Color

42.2614, 44.1694, 36.4351

Protanomaly

41.9654, 44.3090, 36.4777

Deuteranomaly

44.0650, 44.2260, 36.7858

Tritanomaly

44.2246, 44.1107, 45.7185

Monochromacy



Original Color

42.2614, 44.1694, 36.4351

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8461, 44.0952, 43.3515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2614, 44.1694, 36.4351 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(189, 176, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 153)  
}
```

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(189, 176, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.2614, 44.1694, 36.4351 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(189, 176, 153) }
```


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

```
.border{ border-color:rgb(189, 176, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 153);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2614, 44.1694, 36.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 153) }
```

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

```
.background{ background-color: rgb(189,  
176, 153) }
```

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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