

Converting Colors

XYZ(42.2826, 42.7514, 44.5697)

Have a look what the booklet for
XYZ(42.2826, 42.7514, 44.5697)
contains.

XYZ(42.3529, 42.8844, 44.5734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.3529, 42.8844,
44.5734)**

Conversions

Conversions Part 1

Format	Color
Hex	BAACAB
RGB	186, 172, 171
RGB Percent	73%, 67%, 67%
CMY	0.2706, 0.3255, 0.3294
CMYK	0.00, 0.08, 0.08, 0.27
HSL	4°, 10%, 70%
HSV	4°, 8%, 73%
XYZ	42.3529, 42.8844, 44.5734
YIQ	176.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

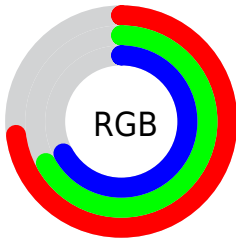
Format	Color
RYB	186, 172, 171
Decimal	12233899
CIELab	71.48, 4.85, 2.32
CIELCh	71, 5.374, 25.558
Yxy	42.8844, 0.3263, 0.3304
Android (android.graphics.Color)	4290423979 (0xFFBAACAB)
YUV	176.0720, -2.5005, 8.7069
Hunter-Lab	65.4862, 0.8433, 5.4844

Details

The XYZ color **42.3529, 42.8844, 44.5734** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0064, 46.9003, 53.2409**, and the grayscale version is **41.3148, 43.4664, 47.3349**.

A 20% lighter version of the original color is **77.8145, 79.3064, 83.1579**, and **19.7191, 19.7514, 20.2259** is the 20% darker color. If you saturate the color by 10%, you get **37.6132, 36.0452, 34.8533**, and if you desaturate by 10%, it is **47.7759, 50.6901, 55.7532**.

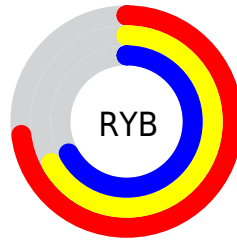
Distribution



Red (73%)

Green (67%)

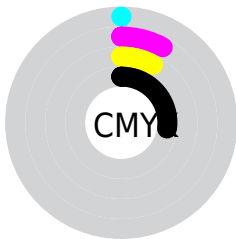
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

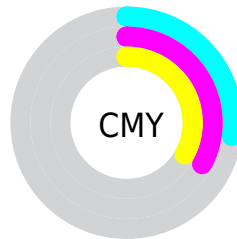


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3529, 42.8844, 44.5734 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 42.3529, 42.8844, 44.5734 by changing the saturation by 10% instead.

■ 42.3529, 42.8844,
44.5734

■ 42.3529, 42.8844,
44.5734

346.9106,
358.1361, 381.1527

■ 29.5700, 29.7944,
30.7810

■ 77.9953, 79.5364,
83.3915

■ 19.6589, 19.6826,
20.1751

101.5855,
103.8672, 109.2544

■ 12.2542, 12.1645,
12.3371

129.5088,
132.7137, 139.9778

■ 6.9905, 6.8558,
6.8483

162.1307,
166.4604, 175.9804

■ 3.5024, 3.3721,
3.2904

199.8165,
205.4916, 217.6806

■ 1.4247, 1.3289,
1.2448

242.9315,

■ 0.2737, 0.1635,

250.1916, 265.4971

0.0159

291.8410,
300.9450, 319.8482

■ 0.0000, 0.0000,
0.0000

■ 42.3529, 42.8844,
44.5734

■ 42.3529, 42.8844,
44.5734

■ 37.6132, 36.0452,
34.8533

■ 47.7759, 50.6901,
55.7532

■ 33.5264, 30.1294,
26.5301

■ 53.9042, 59.4918,
68.4466

■ 30.0648, 25.0992,
19.5404

■ 60.7629, 69.3249,
82.7080

■ 27.1976, 20.9120,
13.8149

■ 68.3752, 80.2213,
98.5886

■ 24.8912, 17.5215,
9.2780

■ 74.0599, 89.1792,
107.9177

■ 23.1089, 14.8774,
5.8460

■ 21.8093, 12.9231,
3.4246

■ 20.9448, 11.5943,
1.9032

■ 20.4520, 10.8118,
1.1123

Harmonies

Analogous

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



42.5227, 42.8844, 47.0815



42.3529, 42.8844, 44.5734



41.7540, 42.8844, 42.6973

Triad

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



42.3529, 42.8844, 44.5734



39.3399, 42.8844, 43.9274



40.6255, 42.8844, 51.8489

Complementary

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



42.3529, 42.8844, 44.5734



43.0064, 46.9003, 53.2409

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.



39.7826, 42.8844, 50.9322



42.3529, 42.8844, 44.5734



39.0473, 42.8844, 46.3083

Square

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



42.3529, 42.8844, 44.5734



40.0131, 42.8844, 42.3342



39.2082, 42.8844, 48.8804



41.5169, 42.8844, 51.3430

Rectangle

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



42.3529, 42.8844, 44.5734



41.1965, 42.8844, 42.0252



39.2082, 42.8844, 48.8804



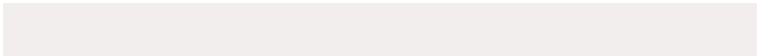
40.3272, 42.8844, 51.6960

Sweetspot

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



42.3541, 42.8863, 44.5743



82.5448, 86.0510, 92.6903



43.5701, 43.0684, 51.9161



18.2004, 18.9825, 20.4588



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.



42.3541, 42.8863, 44.5743



74.8621, 74.9851, 76.8747



43.8214, 45.8210, 45.0634



9.0516, 9.1061, 9.3875



13.7363, 7.2490, 0.6752



0.5006, 0.2883, 0.0293

Inverse Universe

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



43.0064, 46.9003, 53.2409



76.3314, 84.0268, 96.3971



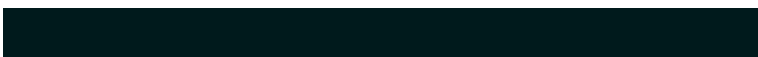
41.4792, 43.8459, 52.7318



9.2139, 10.1050, 11.5443



16.1106, 22.6809, 34.7818



0.5835, 0.8306, 1.2313

Previews

White Background



This preview shows how the XYZ color 42.3529, 42.8844, 44.5734 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 42.3529, 42.8844, 44.5734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

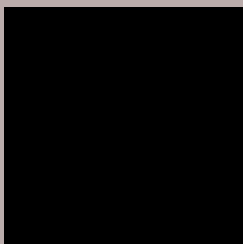
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

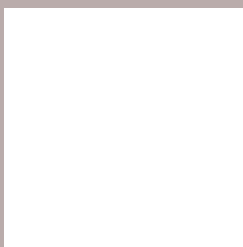
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3529, 42.8844, 44.5734

Background



This preview shows how black text looks on a background with the XYZ color 42.3529, 42.8844, 44.5734.



This preview shows how white text looks on a background with the XYZ color 42.3529, 42.8844,

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

42.3529, 42.8844, 44.5734

Protanopia

41.1729, 42.8344, 45.1275

Deuteranopia

43.6267, 42.6919, 44.9707



Tritanopia

43.6610, 42.8597, 50.7713

Trichromacy



Original Color

42.3529, 42.8844, 44.5734

Protanomaly

41.6814, 42.8108, 45.0962

Deuteranomaly

43.0563, 42.6752, 44.9975

Tritanomaly

43.1931, 42.9453, 48.6606

Monochromacy



Original Color

42.3529, 42.8844, 44.5734

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7923, 43.4192, 46.2225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3529, 42.8844, 44.5734 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(186, 172, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 171)  
}
```

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(186, 172, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 171) }
```

Border

The CSS property to change the border of an element to XYZ 42.3529, 42.8844, 44.5734 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(186, 172, 171) }
```


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

```
.border{ border-color:rgb(186, 172, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3529, 42.8844, 44.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 171) }
```

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

```
.background{ background-color: rgb(186,  
172, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor