

Converting Colors

XYZ(42.3221, 42.3558, 45.0793)

Have a look what the booklet for
XYZ(42.3221, 42.3558, 45.0793)
contains.

XYZ(42.3146, 42.2928, 44.9628)	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(42.3146, 42.2928,
44.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAAC
RGB	187, 170, 172
RGB Percent	73%, 67%, 67%
CMY	0.2667, 0.3333, 0.3255
CMYK	0.00, 0.09, 0.08, 0.27
HSL	353°, 11%, 70%
HSV	353°, 9%, 73%
XYZ	42.3146, 42.2928, 44.9628
YIQ	175.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

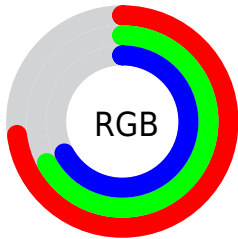
Format	Color
RYB	187, 170, 172
Decimal	12298924
CIELab	71.07, 6.47, 1.19
CIElCh	71, 6.583, 10.418
Yxy	42.2928, 0.3266, 0.3264
Android (android.graphics.Color)	4290489004 (0xFFBBAAC)
YUV	175.3110, -1.6323, 10.2513
Hunter-Lab	65.0329, 2.3360, 4.5308

Details

The XYZ color **42.3146, 42.2928, 44.9628** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1064, 47.5905, 52.8152**, and the grayscale version is **40.9144, 43.0451, 46.8761**.

A 20% lighter version of the original color is **77.7525, 78.4512, 83.7176**, and **19.7001, 19.3813, 20.4719** is the 20% darker color. If you saturate the color by 10%, you get **37.5677, 35.1796, 36.0403**, and if you desaturate by 10%, it is **47.7594, 50.4858, 55.0901**.

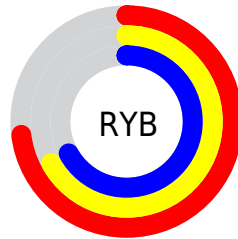
Distribution



Red (73%)

Green (67%)

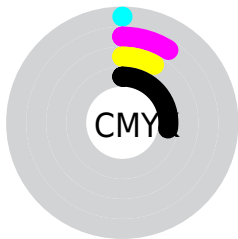
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

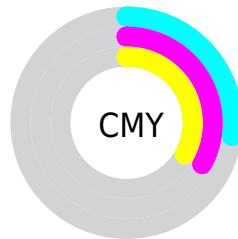


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3146, 42.2928, 44.9628 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 42.3146, 42.2928, 44.9628 by changing the saturation by 10% instead.

■ 42.3146, 42.2928,
44.9628

■ 42.3146, 42.2928,
44.9628

346.7549,
355.6953, 382.7786

■ 29.5399, 29.3306,
31.0854

■ 77.9377, 78.6426,
83.9824

■ 19.6360, 19.3311,
20.4049

101.5168,
102.7990, 109.9618

■ 12.2374, 11.9098,
12.5027

129.4282,
131.4556, 140.8121

■ 6.9789, 6.6823,
6.9603

162.0370,
164.9967, 176.9521

■ 3.4951, 3.2642,
3.3592

199.7087,
203.8069, 218.8002

■ 1.4207, 1.2712,
1.2809

242.8087,

■ 0.2709, 0.1187,

248.2705, 266.7749

0.0460

291.7023,
298.7718, 321.2949

■ 0.0000, 0.0000,
0.0000

■ 42.3146, 42.2928,
44.9628

■ 42.3146, 42.2928,
44.9628

■ 37.5677, 35.1796,
36.0403

■ 47.7594, 50.4858,
55.0901

■ 33.4870, 29.0957,
28.2751

■ 53.9251, 59.7951,
66.4620

■ 30.0436, 23.9953,
21.6204

■ 60.8379, 70.2624,
79.1197

■ 27.2052, 19.8265,
16.0254

■ 68.5219, 81.9256,
93.1018

■ 24.9366, 16.5330,
11.4351

■ 74.2262, 89.2739,
107.5208

■ 23.1989, 14.0521,
7.7897

■ 74.3037, 89.3049,
107.9291

■ 21.9482, 12.3130,
5.0228

■ 21.1336, 11.2326,
3.0594

■ 20.6716, 10.6656,
1.8047

Harmonies

Analogous

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



42.2242, 42.2928, 48.1100



42.3146, 42.2928, 44.9628



41.8301, 42.2928, 42.2324

Triad

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



42.3146, 42.2928, 44.9628



38.8421, 42.2928, 41.5897



39.4932, 42.2928, 51.9965

Complementary

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



42.3146, 42.2928, 44.9628



43.1064, 47.5905, 52.8152

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.



38.6090, 42.2928, 50.0903



42.3146, 42.2928, 44.9628



38.2378, 42.2928, 44.0490

Square

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



42.3146, 42.2928, 44.9628



39.8167, 42.2928, 40.3447



38.1533, 42.2928, 47.1539



40.5818, 42.2928, 52.2686

Rectangle

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



42.3146, 42.2928, 44.9628



41.2514, 42.2928, 40.9795



38.1533, 42.2928, 47.1539



39.1628, 42.2928, 51.5217

Sweetspot

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



42.3158, 42.2947, 44.9637



81.5237, 84.3748, 91.2214



43.2889, 42.6204, 52.9591



17.7777, 18.3171, 19.7628



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.



42.3158, 42.2947, 44.9637



73.9090, 72.9302, 77.0151



43.3216, 44.6108, 44.3599



9.5745, 9.5541, 10.1485



14.2342, 7.3248, 1.2607



0.5728, 0.2930, 0.1296

Inverse Universe

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



42.3158, 42.2947, 44.9637



73.9090, 72.9302, 77.0151



42.0252, 45.0883, 53.5021



9.5745, 9.5541, 10.1485



14.2342, 7.3248, 1.2607



0.5728, 0.2930, 0.1296

Previews

White Background



This preview shows how the XYZ color 42.3146, 42.2928, 44.9628 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 42.3146, 42.2928, 44.9628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

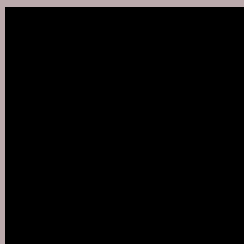
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3146, 42.2928, 44.9628

Background



This preview shows how black text looks on a background with the XYZ color 42.3146, 42.2928, 44.9628.



This preview shows how white text looks on a background with the XYZ color 42.3146, 42.2928,

44.9628.

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

42.3146, 42.2928, 44.9628

Protanopia

40.7150, 42.2902, 46.0613

Deuteranopia

42.9349, 42.0602, 44.8852



Tritanopia

43.1852, 42.0740, 50.1010

Trichromacy



Original Color

42.3146, 42.2928, 44.9628

Protanomaly

41.3514, 42.3459, 45.5293

Deuteranomaly

42.8696, 42.3016, 44.9353

Tritanomaly

42.9629, 42.2817, 48.0163

Monochromacy



Original Color

42.3146, 42.2928, 44.9628

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1740, 42.5268, 46.0828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3146, 42.2928, 44.9628 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(187, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 172)  
}
```

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(187, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.3146, 42.2928, 44.9628 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(187, 170, 172) }
```


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

```
.border{ border-color:rgb(187, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3146, 42.2928, 44.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 172) }
```

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

```
.background{ background-color: rgb(187,  
170, 172) }
```

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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