

Converting Colors

XYZ(43.8342, 46.0023, 31.9137)

Have a look what the booklet for
XYZ(43.8342, 46.0023, 31.9137)
contains.

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Color

**XYZ(43.6928, 45.8990,
31.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B38D
RGB	196, 179, 141
RGB Percent	77%, 70%, 55%
CMY	0.2314, 0.2980, 0.4471
CMYK	0.00, 0.09, 0.28, 0.23
HSL	41°, 32%, 66%
HSV	41°, 28%, 77%
XYZ	43.6928, 45.8990, 31.7558
YIQ	179.7510, 22.3300, -8.2140

Conversions

Conversions Part 2

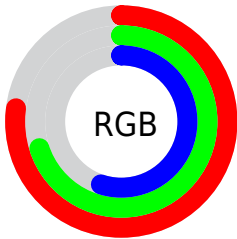
Format	Color
RYB	166, 196, 141
Decimal	12891021
CIELab	73.48, 0.20, 21.64
CIELCh	73, 21.644, 89.476
Yxy	45.8990, 0.3601, 0.3782
Android (android.graphics.Color)	4291081101 (0xFFC4B38D)
YUV	179.7510, -19.1042, 14.2504
Hunter-Lab	67.7488, -3.4415, 19.6332

Details

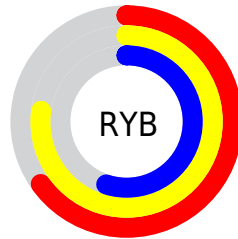
The XYZ color **43.6928, 45.8990, 31.7558** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1750, 34.1012, 57.0586**, and the grayscale version is **43.3406, 45.5977, 49.6559**.

A 20% lighter version of the original color is **80.0667, 84.2394, 63.6696**, and **20.5045, 21.4278, 12.9528** is the 20% darker color. If you saturate the color by 10%, you get **41.1746, 42.9934, 24.3469**, and if you desaturate by 10%, it is **46.5249, 49.0187, 40.5437**.

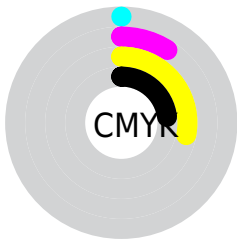
Distribution



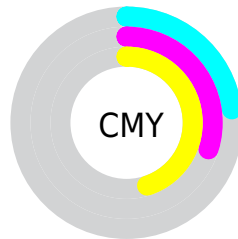
- Red (77%)
- Green (70%)
- Blue (55%)



- Red (65%)
- Yellow (77%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (23%)





- Cyan (23%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6928, 45.8990, 31.7558 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 43.6928, 45.8990, 31.7558 by changing the saturation by 10% instead.


 43.6928, 45.8990,
31.7558

 43.6928, 45.8990,
31.7558


352.3266,
370.4024, 324.4637


 30.6259, 32.1661,
20.9118


 80.0045, 84.0678,
63.5215

 20.4646, 21.4884,
12.8689


 103.9801,
109.2726, 85.2803

 12.8434, 13.4815,
7.2087

 132.3225,
139.0700, 111.5144

 7.3971, 7.7609,
3.5125

165.3973,
173.8447, 142.6424

 3.7602, 3.9424,
1.3619

203.5698,
213.9808, 179.0827

 1.5674, 1.6414,
0.1117

247.2052,

 0.3710, 0.3853,

259.8629, 221.2541

0.0000

296.6691,
311.8753, 269.5749

■ 0.0000, 0.0000,
0.0000

■ 43.6928, 45.8990,
31.7558

■ 43.6928, 45.8990,
31.7558

■ 41.1746, 42.9934,
24.3469

■ 46.5249, 49.0187,
40.5437

■ 38.9523, 40.2888,
18.2423

■ 49.6805, 52.3526,
50.7744

■ 37.0117, 37.7800,
13.3644

■ 53.1733, 55.9088,
62.5111

■ 35.3356, 35.4590,
9.6263

■ 57.0150, 59.6930,
75.8123

■ 33.9045, 33.3169,
6.9295

■ 61.2167, 63.7107,
90.7337

■ 32.6959, 31.3435,
5.1585

■ 65.2036, 67.7329,
104.2449

■ 31.6758, 29.5240,
4.1384

■ 66.7779, 70.8815,
104.7697

■ 31.4895, 29.1847,
3.9735

■ 68.4100, 74.1455,
105.3137

■ 70.1003, 77.5263,
105.8771

Harmonies

Analogous

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



47.4632, 45.8990, 33.9586



43.6928, 45.8990, 31.7558



40.1106, 45.8990, 33.8102

Triad

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



43.6928, 45.8990, 31.7558



37.5391, 45.8990, 61.0572



50.2630, 45.8990, 61.4386

Complementary

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



43.6928, 45.8990, 31.7558



33.1750, 34.1012, 57.0586

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.



47.3403, 45.8990, 70.6150



43.6928, 45.8990, 31.7558



40.0007, 45.8990, 70.3732

Square

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



43.6928, 45.8990, 31.7558



36.6859, 45.8990, 49.7842



43.5585, 45.8990, 74.0980



51.3896, 45.8990, 50.1687

Rectangle

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



43.6928, 45.8990, 31.7558



38.2776, 45.8990, 37.5171



43.5585, 45.8990, 74.0980



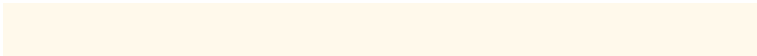
49.4499, 45.8990, 64.9271

Sweetspot

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



43.6940, 45.9011, 31.7568



89.9594, 94.7986, 91.8512



38.4978, 33.2691, 36.9292



19.0598, 20.0878, 19.0171



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.6940, 45.9011, 31.7568



76.1365, 79.6997, 48.5632



44.7775, 51.8320, 32.8444



10.6423, 11.2161, 10.6659



20.3126, 18.9109, 2.5796



0.9365, 0.9349, 0.1311

Inverse Universe

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



33.1750, 34.1012, 57.0586



53.7981, 54.6493, 102.3206



32.2672, 29.6232, 56.2421



9.7766, 10.2444, 12.7469



7.5276, 4.8118, 34.0886



0.3878, 0.3330, 1.4937

Previews

White Background



This preview shows how the XYZ color 43.6928, 45.8990, 31.7558 looks on a white background.

Color Contrast Check

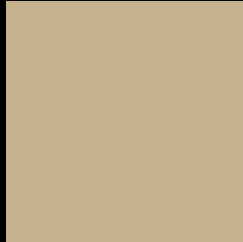
Large Text (above 18pt) WCAG AA × Fail

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 43.6928, 45.8990, 31.7558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

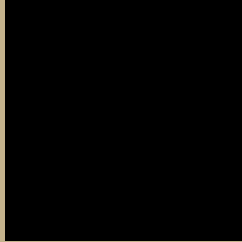
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6928, 45.8990, 31.7558

Background



This preview shows how black text looks on a background with the XYZ color 43.6928, 45.8990, 31.7558.



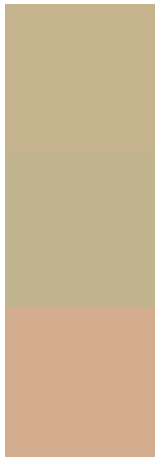
This preview shows how white text looks on a background with the XYZ color 43.6928, 45.8990,

31.7558.

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

43.6928, 45.8990, 31.7558

Protanopia

42.9420, 45.8020, 32.1686

Deuteranopia

46.6900, 45.6890, 31.9492



Tritanopia

47.8939, 45.8498, 52.7800

Trichromacy



Original Color

43.6928, 45.8990, 31.7558

Protanomaly

43.1961, 45.9330, 32.1805

Deuteranomaly

45.6661, 45.7347, 32.0120

Tritanomaly

46.1389, 45.7043, 44.4202

Monochromacy



Original Color

43.6928, 45.8990, 31.7558

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.4539, 45.8348, 42.6331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6928, 45.8990, 31.7558 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(196, 179, 141)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 141)  
}
```

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(196, 179, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 141) }
```

Border

The CSS property to change the border of an element to XYZ 43.6928, 45.8990, 31.7558 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(196, 179, 141) }
```


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

```
.border{ border-color:rgb(196, 179, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 141);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6928, 45.8990, 31.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 141) }
```

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

```
.background{ background-color: rgb(196,  
179, 141) }
```

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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