

Converting Colors

XYZ(42.2414, 45.4151, 41.8523)

Have a look what the booklet for
XYZ(42.2414, 45.4151, 41.8523)
contains.

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Color

**XYZ(42.2808, 45.5518,
41.6859)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B5A4
RGB	181, 181, 164
RGB Percent	71%, 71%, 64%
CMY	0.2902, 0.2902, 0.3569
CMYK	0.00, 0.00, 0.09, 0.29
HSL	60°, 10%, 68%
HSV	60°, 9%, 71%
XYZ	42.2808, 45.5518, 41.6859
YIQ	179.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

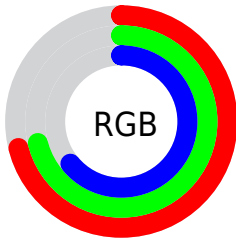
Format	Color
RYB	164, 181, 164
Decimal	11908516
CIELab	73.25, -3.03, 8.66
CIELCh	73, 9.176, 109.279
Yxy	45.5518, 0.3264, 0.3517
Android (android.graphics.Color)	4290098596 (0xFFB5B5A4)
YUV	179.0620, -7.4256, 1.6996
Hunter-Lab	67.4921, -6.2888, 10.6245

Details

The XYZ color **42.2808, 45.5518, 41.6859** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **36.9274, 37.7808, 49.0645**, and the grayscale version is **42.9181, 45.1532, 49.1718**.

A 20% lighter version of the original color is **77.9954, 83.6874, 79.0603**, and **19.5459, 21.1974, 18.3906** is the 20% darker color. If you saturate the color by 10%, you get **40.7609, 44.9452, 33.6807**, and if you desaturate by 10%, it is **44.0359, 46.2554, 50.9184**.

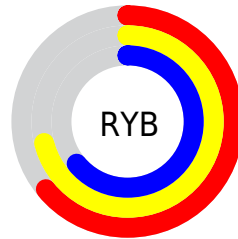
Distribution



Red (71%)

Green (71%)

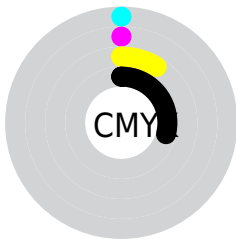
Blue (64%)



Red (64%)

Yellow (71%)

Blue (64%)

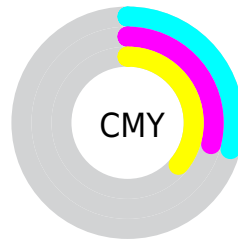


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2808, 45.5518, 41.6859 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 42.2808, 45.5518, 41.6859 by changing the saturation by 10% instead.

■ 42.2808, 45.5518,
41.6859

■ 42.2808, 45.5518,
41.6859

346.6175,
369.0038, 368.9404

■ 29.5133, 31.8923,
28.5317

■ 77.8869, 83.5478,
78.9890

■ 19.6157, 21.2792,
18.4843

■ 101.4563,
108.6531, 103.9749

■ 12.2226, 13.3283,
11.1252

129.3569,
138.3425, 133.7419

■ 6.9688, 7.6550,
6.0359

161.9543,
173.0003, 168.7083

■ 3.4887, 3.8750,
2.7978

199.6136,
213.0109, 209.2929

■ 1.4172, 1.6039,
0.9923

242.7004,

■ 0.2684, 0.3602,

258.7588, 255.9141

0.0000

291.5799,
310.6283, 308.9904

■ 0.0000, 0.0000,
0.0000

■ 42.2808, 45.5518,
41.6859

■ 42.2808, 45.5518,
41.6859

■ 40.7609, 44.9452,
33.6807

■ 44.0359, 46.2554,
50.9184

■ 39.4626, 44.4258,
26.8484

■ 46.0317, 47.0538,
61.4238

■ 38.3768, 43.9914,
21.1349

■ 48.2780, 47.9525,
73.2488

■ 37.4922, 43.6375,
16.4805

■ 50.7832, 48.9546,
86.4369

■ 36.7963, 43.3590,
12.8202

■ 53.5552, 50.0635,
101.0299

■ 36.2755, 43.1506,
10.0817

■ 53.6359, 50.0959,
101.4503

■ 35.9141, 43.0060,
8.1830

■ 53.6367, 50.0963,
101.4503

■ 35.6939, 42.9178,
7.0277

■ 53.6375, 50.0967,
101.4504

■ 35.5799, 42.8721,
6.4314

■ 53.6383, 50.0971,
101.4504

Harmonies

Analogous

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



43.8745, 45.5518, 41.3815



42.2808, 45.5518, 41.6859



40.9899, 45.5518, 44.0323

Triad

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



42.2808, 45.5518, 41.6859



41.3059, 45.5518, 56.6309



46.4114, 45.5518, 51.2670

Complementary

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



42.2808, 45.5518, 41.6859



36.9274, 37.7808, 49.0645

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.



45.6863, 45.5518, 55.6143



42.2808, 45.5518, 41.6859



42.7219, 45.5518, 58.8363

Square

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



42.2808, 45.5518, 41.6859



40.4367, 45.5518, 52.5856



44.3265, 45.5518, 58.4532



46.2862, 45.5518, 46.7261

Rectangle

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



42.2808, 45.5518, 41.6859



40.4622, 45.5518, 46.5247



44.3265, 45.5518, 58.4532



46.2583, 45.5518, 52.8040

Sweetspot

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



42.2820, 45.5538, 41.6869



77.6654, 82.3589, 84.8839



39.0337, 39.0561, 40.6039



16.7313, 17.7787, 18.0571



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.2820, 45.5538, 41.6869



75.2045, 81.3744, 71.9311



40.3496, 44.5576, 41.5964



9.1969, 9.9066, 9.0800



24.5227, 29.5520, 4.4116



0.7716, 0.9299, 0.1388

Inverse Universe

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



36.9274, 37.7808, 49.0645



63.9252, 65.0010, 87.4718



38.7405, 38.7155, 49.1494



8.0421, 8.2302, 10.6711



5.7501, 2.3001, 30.2779



0.1810, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 42.2808, 45.5518, 41.6859 looks on a white background.

Color Contrast Check

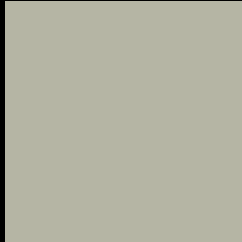
Large Text (above 18pt) WCAG AA × Fail

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 42.2808, 45.5518, 41.6859 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

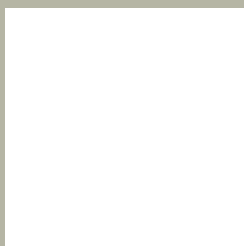
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2808, 45.5518, 41.6859

Background



This preview shows how black text looks on a background with the XYZ color 42.2808, 45.5518, 41.6859.



This preview shows how white text looks on a background with the XYZ color 42.2808, 45.5518,

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

42.2808, 45.5518, 41.6859

Protanopia

43.2245, 45.4493, 41.1448

Deuteranopia

46.1836, 45.1969, 42.3661



Tritanopia

45.1337, 45.5202, 55.6977

Trichromacy



Original Color

42.2808, 45.5518, 41.6859

Protanomaly

42.9397, 45.6011, 41.1891

Deuteranomaly

44.5650, 45.2366, 41.9800

Tritanomaly

44.0280, 45.3673, 50.1523

Monochromacy



Original Color

42.2808, 45.5518, 41.6859

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7836, 45.4018, 46.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2808, 45.5518, 41.6859 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(181, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 164)  
}
```

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(181, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.2808, 45.5518, 41.6859 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(181, 181, 164) }
```


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

```
.border{ border-color:rgb(181, 181, 164) }
```

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

Here you see how a box with a 4 pixel rgb(181, 181, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2808, 45.5518, 41.6859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 164) }
```

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

```
.background{ background-color: rgb(181,  
181, 164) }
```

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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