

Converting Colors

XYZ(41.9880, 44.7632, 22.7268)

Have a look what the booklet for
XYZ(41.9880, 44.7632, 22.7268)
contains.

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Color

**XYZ(41.8426, 44.5524,
22.6138)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B173
RGB	197, 177, 115
RGB Percent	77%, 69%, 45%
CMY	0.2275, 0.3059, 0.5490
CMYK	0.00, 0.10, 0.42, 0.23
HSL	45°, 41%, 61%
HSV	45°, 42%, 77%
XYZ	41.8426, 44.5524, 22.6138
YIQ	175.9120, 31.8220, -15.0420

Conversions

Conversions Part 2

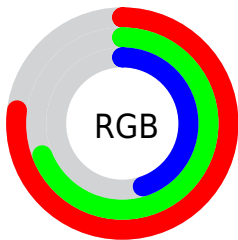
Format	Color
RYB	141, 197, 115
Decimal	12956019
CIELab	72.60, -1.52, 34.31
CIELCh	73, 34.345, 92.534
Yxy	44.5524, 0.3838, 0.4087
Android (android.graphics.Color)	4291146099 (0xFFC5B173)
YUV	175.9120, -30.0296, 18.4942
Hunter-Lab	66.7476, -4.9105, 26.6361

Details

The XYZ color **41.8426, 44.5524, 22.6138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.8120, 25.0032, 56.2889**, and the grayscale version is **41.3619, 43.5159, 47.3888**.

A 20% lighter version of the original color is **77.4468, 82.3650, 48.8619**, and **19.4723, 20.8114, 8.1449** is the 20% darker color. If you saturate the color by 10%, you get **39.8961, 42.2838, 16.9574**, and if you desaturate by 10%, it is **44.0670, 46.9888, 29.5590**.

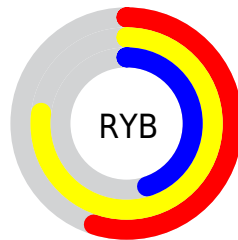
Distribution



Red (77%)

Green (69%)

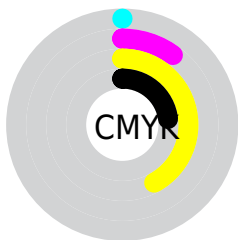
Blue (45%)



Red (55%)

Yellow (77%)

Blue (45%)

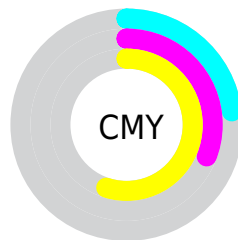


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8426, 44.5524, 22.6138 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 41.8426, 44.5524, 22.6138 by changing the saturation by 10% instead.

■ 41.8426, 44.5524,
22.6138

■ 41.8426, 44.5524,
22.6138

344.8328,
364.9577, 278.7925

■ 29.1686, 31.1050,
14.1060

■ 77.2280, 82.0483,
48.6735

■ 19.3533, 20.6788,
8.0548

■ 100.6702,
106.8657, 67.0625

■ 12.0314, 12.8894,
4.0418

■ 128.4324,
136.2418, 89.5823

■ 6.8374, 7.3525,
1.6483

160.8802,
170.5611, 116.6515

■ 3.4061, 3.6835,
0.3249

198.3787,
210.2079, 148.6886

■ 1.3720, 1.4981,
0.0000

241.2934,

■ 0.2361, 0.2874,

255.5667, 186.1121

0.0000

289.9897,
307.0218, 229.3405

■ 0.0000, 0.0000,
0.0000

■ 41.8426, 44.5524,
22.6138

■ 41.8426, 44.5524,
22.6138

■ 39.8961, 42.2838,
16.9574

■ 44.0670, 46.9888,
29.5590

■ 38.2083, 40.1700,
12.5049

■ 46.5804, 49.5933,
37.8651

■ 36.7625, 38.2053,
9.1656

■ 49.3976, 52.3737,
47.6021

■ 35.5386, 36.3811,
6.8345

■ 52.5309, 55.3356,
58.8345

■ 34.5123, 34.6873,
5.3864

■ 55.9922, 58.4843,
71.6228

■ 33.7675, 33.3534,
4.6581

■ 59.7926, 61.8246,
86.0240

■ 63.9426, 65.3614,
102.0924

■ 65.4873, 67.9130,
104.2647

■ 66.7318, 70.4021,
104.6796

Harmonies

Analogous

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



47.8369, 44.5524, 24.8839



41.8426, 44.5524, 22.6138



36.4936, 44.5524, 25.8225

Triad

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



41.8426, 44.5524, 22.6138



33.4253, 44.5524, 68.3210



53.3136, 44.5524, 65.2208

Complementary

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



41.8426, 44.5524, 22.6138



25.8120, 25.0032, 56.2889

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.



48.7922, 44.5524, 81.6558



41.8426, 44.5524, 22.6138



37.2917, 44.5524, 83.7200

Square

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



41.8426, 44.5524, 22.6138



31.9265, 44.5524, 49.9711



42.8529, 44.5524, 89.0915



54.8160, 44.5524, 47.0777

Rectangle

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



41.8426, 44.5524, 22.6138



33.9093, 44.5524, 31.2042



42.8529, 44.5524, 89.0915



52.0768, 44.5524, 71.2603

Sweetspot

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



41.8437, 44.5545, 22.6147



88.1745, 93.5148, 84.2086



33.5654, 25.8956, 26.3365



18.7238, 19.8712, 17.5008



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.



41.8437, 44.5545, 22.6147



71.7349, 76.0683, 31.1518



41.0787, 50.4588, 23.7947



11.2964, 11.9619, 11.2762



22.2785, 22.0742, 3.0865



1.1089, 1.1533, 0.1642

Inverse Universe

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



25.8120, 25.0032, 56.2889



39.2048, 36.4260, 99.5724



26.2815, 21.4857, 55.5852



10.2633, 10.7006, 13.4420



7.3807, 4.1553, 35.1574



0.4084, 0.3145, 1.6843

Previews

White Background



This preview shows how the XYZ color 41.8426, 44.5524, 22.6138 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 41.8426, 44.5524, 22.6138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

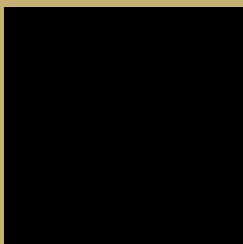
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

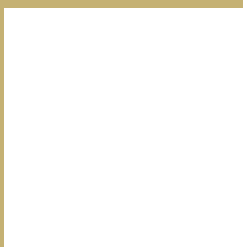
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8426, 44.5524, 22.6138

Background



This preview shows how black text looks on a background with the XYZ color 41.8426, 44.5524, 22.6138.



This preview shows how white text looks on a background with the XYZ color 41.8426, 44.5524,

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

41.8426, 44.5524, 22.6138

Protanopia

41.2630, 44.5479, 22.6435

Deuteranopia

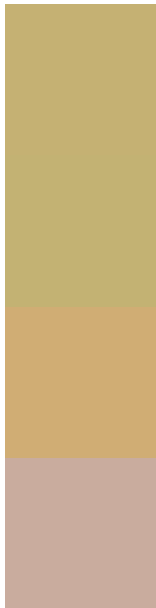
45.2587, 44.3065, 22.6896



Tritanopia

47.5333, 44.5907, 50.3576

Trichromacy



Original Color

41.8426, 44.5524, 22.6138

Protanomaly

41.5206, 44.6807, 22.6555

Deuteranomaly

44.1084, 44.5580, 22.7988

Tritanomaly

45.0115, 44.3912, 38.5437

Monochromacy



Original Color

41.8426, 44.5524, 22.6138

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1252, 43.5741, 36.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8426, 44.5524, 22.6138 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(197, 177, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 177, 115)  
}
```

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(197, 177, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 177, 115) }
```

Border

The CSS property to change the border of an element to XYZ 41.8426, 44.5524, 22.6138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

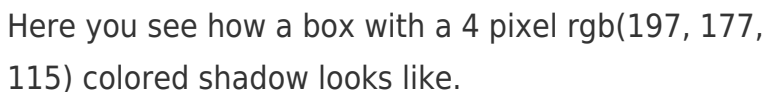
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 177, 115) }
```


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

```
.border{ border-color:rgb(197, 177, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 177, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 177, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 177, 115); box-shadow:4px 4px 4px 4px rgb(197, 177, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8426, 44.5524, 22.6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 177, 115) }
```

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

```
.background{ background-color: rgb(197,  
177, 115) }
```

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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