

Converting Colors

XYZ(41.3275, 45.5184, 26.0100)

Have a look what the booklet for
XYZ(41.3275, 45.5184, 26.0100)
contains.

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Color

**XYZ(41.2118, 45.3472,
25.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB57D
RGB	189, 181, 125
RGB Percent	74%, 71%, 49%
CMY	0.2588, 0.2902, 0.5098
CMYK	0.00, 0.04, 0.34, 0.26
HSL	53°, 33%, 62%
HSV	53°, 34%, 74%
XYZ	41.2118, 45.3472, 25.9828
YIQ	177.0080, 22.7440, -15.7200

Conversions

Conversions Part 2

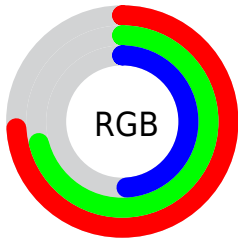
Format	Color
RYB	134, 189, 125
Decimal	12432765
CIELab	73.12, -5.70, 29.60
CIElCh	73, 30.146, 100.893
Yxy	45.3472, 0.3662, 0.4029
Android (android.graphics.Color)	4290622845 (0xFFBDB57D)
YUV	177.0080, -25.6399, 10.5170
Hunter-Lab	67.3403, -8.6049, 24.2616

Details

The XYZ color **41.2118, 45.3472, 25.9828** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.0301, 24.8085, 51.5608**, and the grayscale version is **41.9172, 44.1001, 48.0250**.

A 20% lighter version of the original color is **76.3261, 83.3756, 54.1898**, and **18.9808, 21.0972, 9.7284** is the 20% darker color. If you saturate the color by 10%, you get **39.6419, 43.9591, 20.0590**, and if you desaturate by 10%, it is **43.0219, 46.8476, 33.1212**.

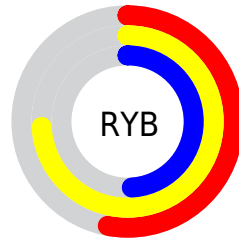
Distribution



Red (74%)

Green (71%)

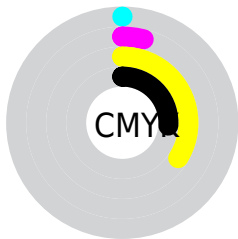
Blue (49%)



Red (53%)

Yellow (74%)

Blue (49%)

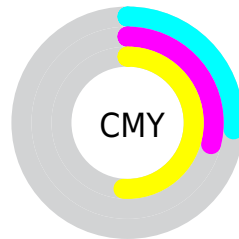


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (26%)



Cyan (26%)

Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2118, 45.3472, 25.9828 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 41.2118, 45.3472, 25.9828 by changing the saturation by 10% instead.


 41.2118, 45.3472,
25.9828


 41.2118, 45.3472,
25.9828


342.2525,
368.1779, 296.3004


 28.6730, 31.7310,
16.5851


 76.2780, 83.2412,
54.2309

 18.9766, 21.1561,
9.7803


 99.5361, 108.2877,
73.9185

 11.7573, 13.2382,
5.1499


 127.0980,
137.9132, 97.8731

 6.6497, 7.5928,
2.2752

159.3292,
172.5020, 126.5132

 3.2884, 3.8355,
0.7173

196.5948,
212.4384, 160.2575

 1.3080, 1.5820,
0.0000

239.2604,

 0.1892, 0.3454,

258.1070, 199.5244

0.0000

287.6911,
309.8920, 244.7326

■ 0.0000, 0.0000,
0.0000

■ 41.2118, 45.3472,
25.9828

■ 41.2118, 45.3472,
25.9828

■ 39.6419, 43.9591,
20.0590

■ 43.0219, 46.8476,
33.1212

■ 38.2956, 42.6718,
15.2782

■ 45.0809, 48.4590,
41.5348

■ 37.1598, 41.4816,
11.5655


■ 47.4011, 50.1881,
51.2835


■ 36.2181, 40.3819,
8.8360


■ 49.9931, 52.0391,
62.4227


■ 35.4521, 39.3652,
6.9919


■ 52.8668, 54.0161,
75.0045


 34.8393, 38.4224,
5.9152

 56.0317, 56.1228,
89.0784

 34.5116, 37.8694,
5.4906

 59.1238, 58.2139,
102.7280

 59.6661, 59.2984,
102.9087

 60.2168, 60.3999,
103.0923

Harmonies

Analogous

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



46.5087, 45.3472, 26.6913



41.2118, 45.3472, 25.9828



36.7936, 45.3472, 30.5042

Triad

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



41.2118, 45.3472, 25.9828



35.8766, 45.3472, 70.9485



53.4180, 45.3472, 59.5118

Complementary

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



41.2118, 45.3472, 25.9828



26.0301, 24.8085, 51.5608

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.



50.0912, 45.3472, 74.7626



41.2118, 45.3472, 25.9828



39.8643, 45.3472, 82.2408

Square

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



41.2118, 45.3472, 25.9828



33.8849, 45.3472, 55.0735



45.0474, 45.3472, 83.7638



53.8532, 45.3472, 44.0845

Rectangle

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



41.2118, 45.3472, 25.9828



34.8293, 45.3472, 36.5452



45.0474, 45.3472, 83.7638



52.5888, 45.3472, 64.9038

Sweetspot

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



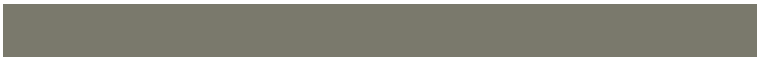
41.2129, 45.3493, 25.9837



82.2225, 87.9114, 80.5676



32.5908, 27.1948, 25.9159



17.5589, 18.8127, 16.8129



90.7827, 95.5105, 104.0109



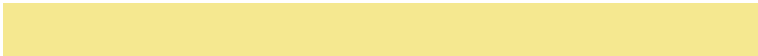
18.6292, 19.5994, 21.3438

Same Dimension

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



41.2129, 45.3493, 25.9837



71.5837, 79.2637, 38.0856



37.5278, 45.9327, 26.2906



10.2178, 10.9116, 10.1442



23.2588, 25.5564, 3.7070



0.9399, 1.0588, 0.1548

Inverse Universe

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



26.0301, 24.8085, 51.5608



40.0802, 36.6527, 91.1884



28.8167, 24.6814, 51.3894



9.1100, 9.4123, 12.0088



6.4260, 2.9637, 32.6263



0.2836, 0.1798, 1.2886

Previews

White Background



This preview shows how the XYZ color 41.2118, 45.3472, 25.9828 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 41.2118, 45.3472, 25.9828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

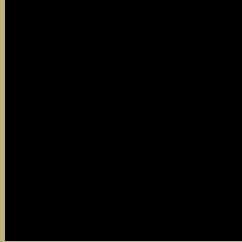
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2118, 45.3472, 25.9828

Background



This preview shows how black text looks on a background with the XYZ color 41.2118, 45.3472, 25.9828.



This preview shows how white text looks on a background with the XYZ color 41.2118, 45.3472,

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

41.2118, 45.3472, 25.9828

Protanopia

42.0063, 45.1648, 25.5725

Deuteranopia

46.3148, 45.3335, 26.3879



Tritanopia

46.6782, 45.2108, 53.2801

Trichromacy



Original Color

41.2118, 45.3472, 25.9828

Protanomaly

41.6976, 45.3042, 25.6157

Deuteranomaly

44.2727, 45.1454, 26.1192

Tritanomaly

44.2185, 45.0685, 41.4905

Monochromacy



Original Color

41.2118, 45.3472, 25.9828

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1480, 44.1332, 38.6976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2118, 45.3472, 25.9828 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(189, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 125)  
}
```

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(189, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 125) }
```

Border

The CSS property to change the border of an element to XYZ 41.2118, 45.3472, 25.9828 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(189, 181, 125) }
```


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

```
.border{ border-color:rgb(189, 181, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 125);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2118, 45.3472, 25.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 125) }
```

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

```
.background{ background-color: rgb(189,  
181, 125) }
```

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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