

Converting Colors

XYZ(41.6743, 45.5744, 42.0045)

Have a look what the booklet for
XYZ(41.6743, 45.5744, 42.0045)
contains.

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Color

**XYZ(41.6509, 45.5196,
42.1882)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B6A5
RGB	177, 182, 165
RGB Percent	69%, 71%, 65%
CMY	0.3059, 0.2863, 0.3529
CMYK	0.03, 0.00, 0.09, 0.29
HSL	78°, 10%, 68%
HSV	78°, 9%, 71%
XYZ	41.6509, 45.5196, 42.1882
YIQ	178.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

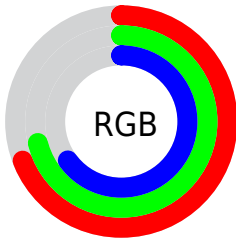
Format	Color
RYB	165, 182, 170
Decimal	11646629
CIELab	73.23, -4.84, 8.04
CIELCh	73, 9.390, 121.055
Yxy	45.5196, 0.3220, 0.3519
Android (android.graphics.Color)	4289836709 (0xFFB1B6A5)
YUV	178.5670, -6.6885, -1.3743
Hunter-Lab	67.4682, -7.8740, 10.1534

Details

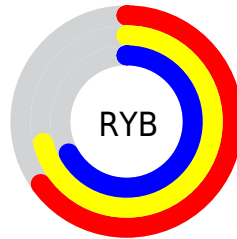
The XYZ color **41.6509, 45.5196, 42.1882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.4780, 38.8349, 49.7263**, and the grayscale version is **42.6519, 44.8731, 48.8669**.

A 20% lighter version of the original color is **77.0971, 83.6400, 79.7908**, and **19.1431, 21.1779, 18.7016** is the 20% darker color. If you saturate the color by 10%, you get **38.9151, 44.2886, 34.0194**, and if you desaturate by 10%, it is **44.6729, 46.8736, 51.6029**.

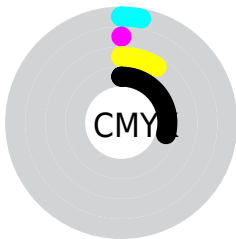
Distribution



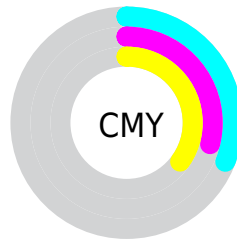
- Red (69%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6509, 45.5196, 42.1882 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 41.6509, 45.5196, 42.1882 by changing the saturation by 10% instead.

■ 41.6509, 45.5196,
42.1882

■ 41.6509, 45.5196,
42.1882

344.0500,
368.8739, 371.0852

■ 29.0179, 31.8669,
28.9220

■ 76.9395, 83.4996,
79.7575

■ 19.2387, 21.2599,
18.7768

■ 100.3258,
108.5956, 104.8978

■ 11.9479, 13.3141,
11.3339

128.0274,
138.2749, 134.8331

■ 6.7802, 7.6452,
6.1749

160.4094,
172.9219, 169.9821

■ 3.3701, 3.8688,
2.8812

197.8373,
212.9209, 210.7632

■ 1.3524, 1.6004,
1.0343

240.6765,

■ 0.2219, 0.3579,

258.6563, 257.5951

0.0000

289.2923,
310.5125, 310.8962

■ 0.0000, 0.0000,
0.0000

■ 41.6509, 45.5196,
42.1882

■ 41.6509, 45.5196,
42.1882

■ 38.9151, 44.2886,
34.0194

■ 44.6729, 46.8736,
51.6029

■ 36.4513, 43.1703,
27.0414

■ 47.9872, 48.3486,
62.3098

■ 34.2495, 42.1623,
21.1993


■ 51.6044, 49.9505,
74.3561


■ 32.2979, 41.2597,
16.4326


■ 55.5334, 51.6828,
87.7862


■ 30.5832, 40.4571,
12.6755


■ 59.6207, 53.4841,
101.7889

 29.0910, 39.7487,
9.8546


 61.1121, 54.2530,
101.8587


 27.8049, 39.1279,
7.8869

 62.6545, 55.0481,
101.9308

 26.7057, 38.5870,
6.6746

 64.2483, 55.8698,
102.0054

 25.7578, 38.1115,
6.0331

 65.8941, 56.7182,
102.0825

Harmonies

Analogous

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



43.2067, 45.5196, 41.0321



41.6509, 45.5196, 42.1882



40.5509, 45.5196, 45.2995

Triad

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



41.6509, 45.5196, 42.1882



41.7495, 45.5196, 57.9362



46.5112, 45.5196, 49.3962

Complementary

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



41.6509, 45.5196, 42.1882



38.4780, 38.8349, 49.7263

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.



46.0976, 45.5196, 54.0862



41.6509, 45.5196, 42.1882



43.3234, 45.5196, 59.2015

Square

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



41.6509, 45.5196, 42.1882



40.6068, 45.5196, 54.3935



44.9203, 45.5196, 57.7510



46.0367, 45.5196, 45.0275

Rectangle

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



41.6509, 45.5196, 42.1882



40.2097, 45.5196, 48.1654



44.9203, 45.5196, 57.7510



46.4713, 45.5196, 50.9876

Sweetspot

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



41.6521, 45.5216, 42.1892



78.8951, 84.0422, 86.9526



40.4249, 41.3439, 41.4475



17.3272, 18.5184, 18.8977



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.6521, 45.5216, 42.1892



74.5578, 82.0976, 73.5866



39.8153, 44.5746, 42.1032



9.4858, 10.3671, 9.6080



18.2155, 26.9268, 4.2373



0.7008, 0.9795, 0.1521

Inverse Universe

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



38.4780, 38.8349, 49.7263



67.7534, 67.7631, 89.7443



40.3330, 39.7913, 49.8131



8.7629, 8.8441, 11.3247



7.0793, 2.9607, 31.4514



0.3135, 0.1373, 1.1117

Previews

White Background



This preview shows how the XYZ color 41.6509, 45.5196, 42.1882 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 41.6509, 45.5196, 42.1882 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

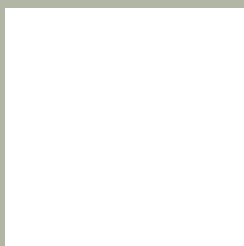
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6509, 45.5196, 42.1882

Background



This preview shows how black text looks on a background with the XYZ color 41.6509, 45.5196, 42.1882.



This preview shows how white text looks on a background with the XYZ color 41.6509, 45.5196,

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

41.6509, 45.5196, 42.1882

Protanopia

43.2245, 45.4493, 41.1448

Deuteranopia

46.2757, 45.2337, 42.8512



Tritanopia

44.4909, 45.4703, 56.3009

Trichromacy



Original Color

41.6509, 45.5196, 42.1882

Protanomaly

42.5505, 45.3901, 41.6405

Deuteranomaly

44.4006, 45.1413, 42.4494

Tritanomaly

43.3860, 45.3209, 50.7171

Monochromacy



Original Color

41.6509, 45.5196, 42.1882

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3213, 45.1635, 46.5312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6509, 45.5196, 42.1882 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(177, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 165)  
}
```

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(177, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.6509, 45.5196, 42.1882 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(177, 182, 165) }
```


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

```
.border{ border-color:rgb(177, 182, 165) }
```

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

Here you see how a box with a 4 pixel rgb(177, 182, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6509, 45.5196, 42.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 165) }
```

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

```
.background{ background-color: rgb(177,  
182, 165) }
```

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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