

Converting Colors

XYZ(41.8984, 45.5881, 48.8539)

Have a look what the booklet for
XYZ(41.8984, 45.5881, 48.8539)
contains.

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Color

**XYZ(41.7771, 45.4409,
48.6886)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB6B2
RGB	172, 182, 178
RGB Percent	67%, 71%, 70%
CMY	0.3255, 0.2863, 0.3020
CMYK	0.05, 0.00, 0.02, 0.29
HSL	156°, 6%, 69%
HSV	156°, 5%, 71%
XYZ	41.7771, 45.4409, 48.6886
YIQ	178.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

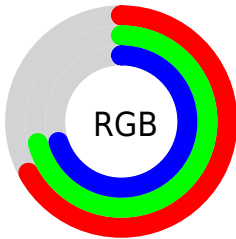
Format	Color
RYB	172, 178, 182
Decimal	11318962
CIELab	73.18, -4.24, 0.82
CIELCh	73, 4.318, 169.032
Yxy	45.4409, 0.3074, 0.3344
Android (android.graphics.Color)	4289509042 (0xFFACB6B2)
YUV	178.5540, -0.2731, -5.7479
Hunter-Lab	67.4099, -7.3423, 4.3631

Details

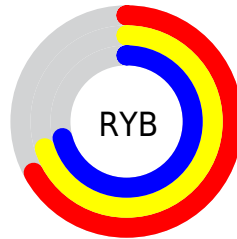
The XYZ color **41.7771, 45.4409, 48.6886** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8821, 42.5859, 47.0889**, and the grayscale version is **42.6148, 44.8341, 48.8243**.

A 20% lighter version of the original color is **77.1044, 83.4205, 89.8798**, and **19.2977, 21.1743, 22.4720** is the 20% darker color. If you saturate the color by 10%, you get **37.3412, 43.2377, 44.7650**, and if you desaturate by 10%, it is **46.8015, 47.9456, 52.8443**.

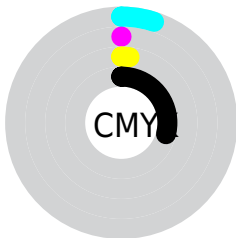
Distribution



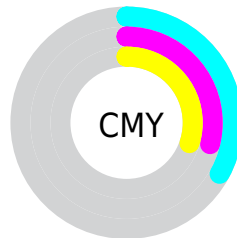
- Red (67%)
- Green (71%)
- Blue (70%)



- Red (67%)
- Yellow (70%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7771, 45.4409, 48.6886 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 41.7771, 45.4409, 48.6886 by changing the saturation by 10% instead.

■ 41.7771, 45.4409,
48.6886

■ 41.7771, 45.4409,
48.6886

344.5655,
368.5563, 398.1023

■ 29.1171, 31.8048,
34.0087

■ 77.1294, 83.3816,
89.6050

■ 19.3142, 21.2125,
22.6228

100.5525,
108.4551, 116.6785

■ 12.0029, 13.2794,
14.1126

128.2941,
138.1098, 148.7203

■ 6.8178, 7.6212,
8.0594

160.7194,
172.7302, 186.1489

■ 3.3938, 3.8536,
4.0446

198.1938,
212.7007, 229.3829

■ 1.3652, 1.5920,
1.6499

241.0827,

■ 0.2313, 0.3522,

258.4056, 278.8407

0.3260

289.7515,
310.2293, 334.9410

■ 0.0000, 0.0000,
0.0000

■ 41.7771, 45.4409,
48.6886

■ 41.7771, 45.4409,
48.6886

■ 37.3412, 43.2377,
44.7650

■ 46.8015, 47.9456,
52.8443

■ 33.4673, 41.3184,
41.0664

■ 52.4320, 50.7569,
57.2333

■ 30.1324, 39.6727,
37.5894

■ 58.6901, 53.8871,
61.8603

■ 27.3106, 38.2873,
34.3295

■ 65.5952, 57.3463,
66.7293

■ 24.9735, 37.1475,
31.2822

■ 70.1598, 59.5940,
71.7032

■ 23.0901, 36.2374,
28.4424

■ 71.1135, 59.9755,
76.7254

■ 21.6254, 35.5392,
25.8051

■ 72.1094, 60.3739,
81.9697

■ 20.5392, 35.0322,
23.3647

■ 73.1480, 60.7893,
87.4387

■ 19.7813, 34.6905,
21.1150

■ 74.2297, 61.2220,
93.1351

Harmonies

Analogous

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



42.1006, 45.4409, 46.7946



41.7771, 45.4409, 48.6886



41.8289, 45.4409, 50.8491

Triad

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



41.7771, 45.4409, 48.6886



43.6665, 45.4409, 53.5232



44.1515, 45.4409, 46.3964

Complementary

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



41.7771, 45.4409, 48.6886



41.8821, 42.5859, 47.0889

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.



44.5807, 45.4409, 48.1306



41.7771, 45.4409, 48.6886



44.2985, 45.4409, 52.2608

Square

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



41.7771, 45.4409, 48.6886



42.9139, 45.4409, 53.6833



44.6348, 45.4409, 50.2747



43.4677, 45.4409, 45.4972

Rectangle

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



41.7771, 45.4409, 48.6886



42.0695, 45.4409, 52.1490



44.6348, 45.4409, 50.2747



44.3307, 45.4409, 46.8987

Sweetspot

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



41.7784, 45.4428, 48.6896



78.7705, 83.8920, 90.8294



42.1181, 45.6861, 45.6288



17.4188, 18.5395, 20.0788



88.6918, 93.3107, 101.6153



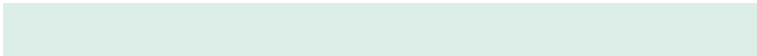
17.8044, 18.7317, 20.3988

Same Dimension

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



41.7784, 45.4428, 48.6896



74.3637, 81.6985, 87.0868



42.0161, 45.2656, 50.7809



9.3043, 10.2446, 10.9077



13.8024, 24.4219, 14.4131



0.5163, 0.8728, 0.6644

Inverse Universe

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



41.8821, 42.5859, 47.0889



74.6045, 75.0624, 83.3688



41.6509, 42.7481, 45.0864



9.3360, 9.3713, 10.4184



14.4996, 7.3736, 5.2519



0.5420, 0.2723, 0.3475

Previews

White Background



This preview shows how the XYZ color 41.7771, 45.4409, 48.6886 looks on a white background.

Color Contrast Check

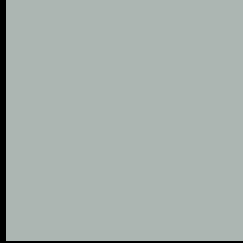
Large Text (above 18pt) WCAG AA × Fail

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 41.7771, 45.4409, 48.6886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

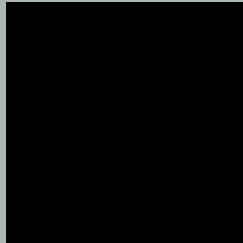
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

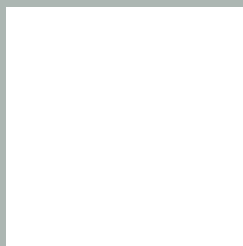
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7771, 45.4409, 48.6886

Background



This preview shows how black text looks on a background with the XYZ color 41.7771, 45.4409, 48.6886.



This preview shows how white text looks on a background with the XYZ color 41.7771, 45.4409,

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

41.7771, 45.4409, 48.6886

Protanopia

43.4850, 45.4421, 47.5536

Deuteranopia

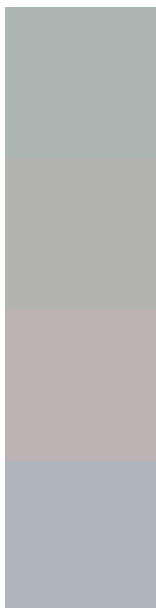
46.4002, 45.4377, 49.5048



Tritanopia

43.7381, 45.6515, 57.5453

Trichromacy



Original Color

41.7771, 45.4409, 48.6886

Protanomaly

42.8475, 45.4005, 48.0999

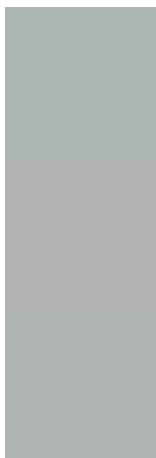
Deuteranomaly

44.5979, 45.3903, 49.0585

Tritanomaly

43.0565, 45.6773, 54.1242

Monochromacy



Original Color

41.7771, 45.4409, 48.6886

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3624, 45.1273, 49.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7771, 45.4409, 48.6886 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(172, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(172, 182, 178)  
}
```

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(172, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 182, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.7771, 45.4409, 48.6886 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(172, 182, 178) }
```


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

```
.border{ border-color:rgb(172, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(172, 182,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7771, 45.4409, 48.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 182, 178) }
```

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

```
.background{ background-color: rgb(172,  
182, 178) }
```

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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